DIRECTORY OF CSIR SCIENTISTS

VOLUME III

Chemical
Sciences

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अनुसंधान परिषद
council of scientific &
industrial research

HUMAN RESOURCE DEVELOPMENT GROUP
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
NEW DELHI

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Volume III

CHEMICAL SCIENCES

REVISED EDITION

1994

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HUMAN RESOURCE DEVELOPMENT GROUP
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
NEW DELHI

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FOREWORD

The Council of Scientific and Industrial Research (CSIR) is an autonomous national agency of the Government of India for conducting scientific and industrial research on important problems in-house. Its 40 research laboratories are of multidisciplinary nature, organised to provide technologies of regional and national interest and to generate new knowledge of basic and applied value.

About 8000 active research scientists and about 11000 supporting staff organised in many teams are working on problems relating to affordable drugs and processed food, better communication and transportation, improved materials, instruments and building technology. Many of the CSIR scientists have done pioneering work in their areas of research and a substantial number of patents, both in India and abroad, have been taken. A large number of the technologies developed in the CSIR laboratories are in use by the industry and a variety of goods based on them are in national and international markets. In addition, the industry, is being provided a variety of services required by them. CSIR's S&T manpower is well trained and therefore their consultancy services are being sought by the industry in good measure. Besides, the scientists and engineers of CSIR also participate in the academic programmes of the universities. It is important that current information about the CSIR scientists is made available at one place so that their expertise may be utilised even better, according to the changing needs of the CSIR and country; with its availability the human resource of CSIR could be planned more systematically for its future research targets.

The first edition of the directory of CSIR Scientists was published in 1986. Its revised version was brought out in 1988. The present edition of the directory incorporates information about the characteristics of CSIR manpower as on 1 December 1994. It is hoped that the information contained in this directory will be variously useful.

I appreciate the efforts of the CSIR's Human Resource Development Group in producing the directory.

S.K. Joshi

New Delhi

(S K JOSHI)
Director General
CSIR

PREFACE

The Council of Scientific & Industrial Research (CSIR) is a multi-disciplinary and multi-dimensional R&D agency with a network of 40 national research laboratories/institutes and 81 regional research centres/survey laboratories/service & maintenance centres/zonal laboratories/ polytechnology transfer centres/ extension centres/field stations/experimental farms/field units, etc.

The total estimated strength of staff is around 25,000 and that of Scientists and Technical Officers is nearly 8,000.

HRD Group of CSIR, New Delhi is maintaining a data bank for Scientists and Technical Officers of CSIR HQ and of the 40 laboratories spread all over India. Information is collected through a proforma which gives their personal data, record of qualifications, employment and training, specialisations, present activities, languages known, countries visited, publications and patents taken, awards and distinctions and professional experience in years. This compilation has been found to be useful whenever the need arose to identify Scientists: as members of Selection Committees, for consideration for special projects, additional training or high level jobs, etc. Each Scientist/ Technical Officer was contacted with a view to obtaining his/her updated biodata. Efforts have been made to incorporate these changes in this revised edition. The Directory comprises six volumes, one each on Information Science, Physical & Earth Sciences, Chemical Sciences, Biological Sciences, Engineering Sciences and Speciality and Name index. The total strength of S&T officers covered in this Directory is 7974. It is hoped that R & D agencies and other organisations could find the Directory a useful source of reference.

A statistical profile of the CSIR Scientists and Technical Officers based on the information contained in the Directory will follow; and it will give data for being utilised as source material for Manpower Planning in the CSIR System.

(N R Rajagopal)
Head, Human Resource Development Group,
CSIR, New Delhi

NATIONAL CHEMICAL LABORATORY

1819

DR R A MASHELKAR; (B. JANUARY 1, 1943),

DIRECTOR, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CHE. CHEMICAL ENGINEERING - BOMBAY '66; PH.D.(TECH) CHEMICAL ENGINEERING - BOMBAY '69.

SPECIALIZATIONS : POLYMER SCIENCE AND ENGINEERING; RHEOLOGY AND NON-NEWTONIAN FLUID MECHANICS; POLYMER REACTION ENGINEERING.

EXPERIENCE : RESEARCH FELLOW AND LECTURER, SALFORD UNIVERSITY, U.K., 1969-75; VISITING PROFESSOR, DELAWARE UNIVERSITY, U.S.A., 1975-76; SCIENTIST EI, SCIENTIST EII, SCIENTIST F AND SCIENTIST (DIRECTOR'S GRADE), N.C.L., 1976-89; (ALSO VISITING PROFESSOR, TECHNICAL UNIVERSITY OF DENMARK, DENMARK, 1982; AND VISITING PROFESSOR, UNIVERSITY OF DELAWARE, U.S.A., 1988); DIRECTOR, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., U.S.A., GERMANY, FRANCE, ITALY, DENMARK, CHINA, HONG KONG, INDONESIA, THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES. PAPERS - 185, TECH. REPORTS - SEVERAL, PATENTS FILED - 6, PROCESSES DEVELOPED - 8. SCIENTIFIC BOOKS - 16.

AWARDS & DISTINCTIONS : S S BHATNAGAR PRIZE FOR ENGINEERING SCIENCES, 1982; HERDILLIA AWARD FOR EXCELLENCE IN BASIC RESEARCH, 1982; THE FIRST SANTAPPA SILVER JUBILEE AWARD, 1983; CHINNAMAUAL MEMORIAL PRIZE, 1983; ROLE OF HONOUR (1984) AWARD OF GIANTS INTERNATIONAL; PRESIDENT, SOCIETY FOR POLYMER SCIENCE, 1986-92; ASSOCIATE MEMBER, INTERNATIONAL COMMITTEE ON RHEOLOGY, 1981-84; K G NAIK GOLD MEDAL, 1985; FELLOW, INDIAN NATIONAL SCIENCE ACADEMY, 1984; FELLOW, INDIAN ACADEMY OF SCIENCES, 1983; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES 1985; UGC NATIONAL LECTURER IN ENGINEERING & TECHNOLOGY, 1985; FELLOW, SOCIETY FOR POLYMER SCIENCES; MEMBER, BRITISH SOCIETY OF RHEOLOGY; MEMBER, AMERICAN SOCIETY OF RHEOLOGY; OUTSTANDING ALUMNI MEDAL, UDCT, UNIV OF BOMBAY, 1985; FEDERATION OF ICCI AWARD, 1987; VISWAKARMA MEDAL, INSA, 1988; FELLOW, NATIONAL ACADEMY OF ENGINEERING, 1987; FELLOW, NATIONAL ACADEMY OF SCIENCES, 1989; PADMASHRI, 1991; OP BHASIN AWARD FOR OUTSTANDING RESEARCH IN ENGG & TECH, 1991; PANDIT JAWAHAR LAL NEHRU NATIONAL AWARD IN ENGG & TECH, 1991; FELLOW, II.CHEM.E., 1992; G D BIRLA AWARD FOR SCIENTIFIC RESEARCH, 1993; FELLOW THIRD WORLD ACADEMY OF SCIENCES, 1994; UDCT DIAMOND FOR BEING AN OUTSTANDING ALUMNI, UDCT, UNIV OF BOMBAY; PRESIDENT, VARIOUS SCIENTIFIC ACADEMIES AND SOCIETIES; HONORARY PROFESSOR-SHIPS OF SOME UNIVERSITIES IN INDIA AND ABROAD; MEMBER/EDITOR, NATIONAL AND INTERNATIONAL EDITORIAL/ REVIEWER'S BOARD; MEMBER, SEVERAL COMMITTEES ON SCIENCE AND TECHNOLOGIES.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. CONSULTANCY, R & D MGMT, TEACHING AND ADMINISTRATION (TOTAL: 27 YEARS).

1820

DR P RATNASAMY; (B. JUNE 11, 1942),

SCIENTIST (DIRECTOR'S GRADE), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : PH.D. CHEMISTRY (HETEROGENEOUS CATALYSIS) - MADRAS '67; DIPLOMA, INDUSTRIAL ADMINISTRATION AND MANAGEMENT - BIET '75.

SPECIALIZATIONS : CATALYSIS; PETROLEUM REFINING; PETROCHEMICALS.

EXPERIENCE : WORKED AT CLARKSON COLLEGE OF TECHNOLOGY, NEW YORK, U.S.A., 1968-69 AND UNIVERSITY OF LOUVAIN, BELGIUM, 1969-72; SCIENTIST EI, I.I.P., 1972-81; SCIENTIST EII AND SCIENTIST F, N.C.L., 1981-86; SCIENTIST (DIRECTOR'S GRADE), N.C.L. SINCE SEPTEMBER, 1986; (DEPUTED TO BELGIUM, ITALY AND FRANCE UNDER A UNDP PROJECT FOR STUDIES IN THE FIELD OF SYNTHESIS AND INDUSTRIAL APPLICATIONS OF ZEOLITES, 1988).

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : TAMIL, ENGLISH, FRENCH, GERMAN.

VISITED : U.S.A., BELGIUM, W. GERMANY, E. GERMANY, U.S.S.R., ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, PATENTS TAKEN/FILED - 27.

AWARDS & DISTINCTIONS : FELLOW, INDIAN NATIONAL SCIENCE ACADEMY, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 15.

1821

DR S H IQBAL; (B. FEBRUARY 5, 1935),

SCIENTIST G, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. INORGANIC CHEMISTRY - LUCKNOW '56; PH.D. INORGANIC CHEMISTRY - POONA '71.

SPECIALIZATIONS : INORGANIC CHEMISTRY; CHEMICAL TECHNOLOGY; HIGH TEMPERATURE CHEMISTRY.

EXPERIENCE : J.S.A., C.S.M.C.R.I., BHAVNAGAR, 1956-57; S.S.A., J.S.O., SCIENTIST B, SCIENTIST C, SCIENTIST EI, SCIENTIST EII AND SCIENTIST F, N.C.L., 1957-90; (ALSO RESEARCH IN TITANIUM AND DICYANIDEAMIDE CHEMISTRY, FRANCE, 1965-66 AND 1979); SCIENTIST G, N.C.L. SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN INORGANIC CHEMISTRY AND RESEARCH MANAGEMENT.

LANGUAGES : URDU, HINDI, ENGLISH, FRENCH.

VISITED : FRANCE, U.K., THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS TAKEN - 1. PROCESSES DEVELOPED - 18, COMMERCIALISED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 25, PILOT PLANT - 4, R&D MGMT. - 12, PLANNING - 12, TECHNOLOGY TRANSFER - 12, EDITING - 12.

1822

DR G R V KRISHNAN; (B. APRIL 4, 1939),

SCIENTIST G, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '59; M.SC. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '63; PH.D. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '69.

SPECIALIZATIONS : CHEMICAL ENGINEERING; PROCESS DEVELOPMENT; PROCESS DESIGN; CATALYTIC PROCESSING.

EXPERIENCE : SCIENTIST B, SCIENTIST C, SCIENTIST EI, SCIENTIST EII AND SCIENTIST F, N.C.L., 1966-83; SCIENTIST G, N.C.L. SINCE JANUARY, 1983.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, MALAYALAM, HINDI, KANNADA, ENGLISH.

VISITED : U.K., U.S.A., FRANCE, W. GERMANY, BANGLADESH.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 4, PROCESSES UNDER UTILISATION - 20, PROCESS DEVELOPED - 40.

AWARDS & DISTINCTIONS : VASVIK AWARD, 1987; ICMA AWARD: NCL RESEARCH FOUNDATION AWARD, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 6, APP. RES. - 27, DESIGN - 15, PILOT PLANT - 20, CONSULTANCY - 20, R & D MGMT. - 20, TECHNOLOGY TRANSFER - 25.

1823

DR R V CHAUDHARY; (B. APRIL 17, 1948),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '68; PH.D. GAS-LIQUID REACTIONS - BOMBAY '74.

SPECIALIZATIONS : HOMOGENEOUS AND HETEROGENEOUS CATALYSIS; MASS TRANSFER WITH CHEMICAL REACTION; MULTIPHASE REACTOR MODELLING.

EXPERIENCE : CHEMIST, N.C.L., 1972-74; POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF EDINBURGH, U.K., 1974-75; RESEARCH ASSOCIATE, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1975-90; SCIENTIST F, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN CATALYSIS AND REACTION ENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., W. GERMANY, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, SCIENTIFIC BOOKS - 1, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 7, PILOT PLANT - 5, CONSULTANCY - 2, R & D MANAGEMENT - 5, PLANNING - 5.

1824

DR V R CHOUDHARY; (B. JANUARY 1, 1944),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - POONA '65; M.SC. PHYSICAL CHEMISTRY - POONA '67; PH.D. CHEMISTRY - POONA '72.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS; CATALYST DESIGN, CHARACTERISATION AND EVALUATION; ADSORPTION AND DIFFUSION; CATALYTIC REACTION ENGINEERING; REACTION KINETICS; ZEOLITES CATALYSTS AND ADSORBENTS.

EXPERIENCE : RESEARCH ASSISTANT, INSTITUTE OF SCIENCE, BOMBAY, 1967-71; RESEARCH CHEMIST AND SCIENTIST, N.C.L., 1971-74; SENIOR RESEARCH CHEMIST, I.P.C.L., BARODA, 1974; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1974-91; SCIENTIST F, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN CATALYST AND CATALYTIC PROCESS DEVELOPMENT; ZEOLITES ADSORPTION, MASS TRANSFER AND CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 120, SCIENTIFIC BOOKS - 2, ARTICLES - 6, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 18, TECH. DEV. - 18.

1825

DR S K DATE; (B. NOVEMBER 30, 1942),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.- BOMBAY '62; M.SC. PHYSICS - BOMBAY '64; PH.D. PHYSICS - BOMBAY '69.

SPECIALIZATIONS : MOSSBAUER SPECTROSCOPY AND HYPEREFINE INTERACTION IN SOLIDS; ELECTRONIC CERAMICS; MATERIALS PROCESSING AND CHARACTERIZATION.

EXPERIENCE : P.D.F., N.P.L., 1966-69; VISITING FELLOW AND FELLOW, TATA INSTITUTE OF FUNDAMENTAL RESEARCH, BOMBAY, 1969-81; (ALSO POST-DOCTORAL FELLOW, W. GERMANY, 1973-75; VISITING SCIENTIST, W. GERMANY 1976; SENIOR FELLOW, W. GERMANY, 1978); SCIENTIST EI AND SCIENTIST EII, N.C.L., 1981-89; (ALSO SHORT-TERM TRAINING, W. GERMANY, 1988); SCIENTIST F, N.C.L. SINCE MAY, 1989.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.K., HOLLAND, FRANCE, ITALY, GREECE, SWITZERLAND, JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 140, ARTICLES - 6, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : FELLOW, MAHARASHTRA ACADEMY OF SCIENCES, 1981; FELLOW, INDIAN THERMAL ANALYTICAL SOCIETY, 1981; MRSI MEDAL, MATERIALS RESEARCH SOCIETY OF INDIA, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 6, CONSULTANCY - 3, R & D MANAGEMENT - 4, TEACHING - 19, ADMINISTRATION - 10, EDITING - 4, COMPUTER PROCESSING - 12.

1826

DR K N GANESH; (B. MAY 25, 1953),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - BANGALORE '70; M.SC. CHEMISTRY - BANGALORE '72; PH.D. CHEMISTRY - DELHI '77; PH.D. CHEMISTRY - CAMBRIDGE, U.K. '80.

SPECIALISATIONS : BIOORGANIC CHEMISTRY; ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST C, C.C.M.B., HYDERABAD, 1981-87; (ALSO TRAINING IN U.K. UNDER EXCHANGE PROGRAMME, 1984); SCIENTIST EII, N.C.L., 1987-90; (ALSO VISITED USSR UNDER INDO-USSR ILTP PROGRAMME, 1989); SCIENTIST F, N.C.L. SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D ON BIOORGANIC CHEMISTRY.

LANGUAGES : KANNADA, HINDI, ENGLISH.

VISITED : U.K., U.S.S.R., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 45, SCIENCE TEXT BOOK (FOR XI AND XII) - 1, ARTICLES - 5.

AWARDS & DISTINCTIONS : YOUNG ASSOCIATE AWARD, 1984; INSA YOUNG SCIENTIST AWARD, 1985; BRUKER AWARD, 1988; BIRLA YOUNG SCIENTIST AWARD, 1990; FELLOW, INDIAN ACADEMY OF SCIENCES, 1992.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, TEACHING - 6, PLANNING - 3, EDITING - 3.

1827

DR P GANGULY; (B. JANUARY 20, 1942),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

1828

DR B D KULKARNI; (B. MAY 5, 1949),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B. TECH. CHEMICAL ENGINEERING - NAGPUR '70; M.TECH. CHEMICAL ENGINEERING - NAGPUR '72; PH.D. '78.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; FLUIDIZATION ENGINEERING; MODELLING, SIMULATION AND OPTIMISATION STUDIES; STABILITY OF REACTING SYSTEMS.

EXPERIENCE : CHEMICAL ENGINEER, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1976-88; SCIENTIST F, N.C.L. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : R&D IN CHEMICAL REACTION ENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A., U.K., U.S.S.R.

PUBLICATION & PATENTS : RES. PAPERS - 120, SCIENTIFIC BOOKS - 4, REVIEW ARTICLES - 5, PATENTS - 8.

AWARDS & DISTINCTIONS : YOUNG SCIENTIST MEDAL, INSA, 1981; AMAR DYE CHEMICAL AWARD, INDIAN INSTITUTE OF CHEMICAL ENGINEERS, 1982; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES, 1987; S S BHATNAGAR PRIZE IN ENGINEERING & TECHNOLOGY, 1988; HERDILLIA AWARD FOR EXCELLENCE IN BASIC RESEARCH IN CHEMICAL ENGINEERING, 1988; FELLOW, INDIAN ACADEMY OF SCIENCES, 1988; FELLOW, INDIAN NATIONAL ACADEMY OF ENGINEERING, 1989; FELLOW, INDIAN NATIONAL SCIENCE ACADEMY, 1990; BEST SCIENTIST OF THE YEAR AWARD, NCL RESEARCH FOUNDATION, 1992.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 10.

1829

DR VIKAS MADHUSUDAN NADKARNI; (B. DECEMBER 6, 1947),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - BOMBAY '69; M.CH.E. CHEMICAL ENGINEERING - DELAWARE UNIVERSITY, U.S.A. '72; PH.D. CHEMICAL ENGINEERING & MATERIALS SCIENCE - DELAWARE UNIVERSITY,U.S.A. '74.

SPECIALIZATIONS : SYNTHETIC FIBRES; POLYMER RHEOLOGY; POLYMER AND FIBRE CHARACTERIZATION; COMPOSITES; POLYMER PROCESSING.

EXPERIENCE : SENIOR RESEARCH ENGINEER, E.I. DU PONT DE NEMOURS & CO., U.S.A., 1974-77; LAB. SUPERVISOR, OWENS-CORNING FIBREGLASS CORP., U.S.A., 1978-80; SCIENTIST EI AND SCIENATIST EII, N.C.L., 1980-87; SCIENTIST F, N.C.L. SINCE MARCH, 1987; (ALSO VISITING PROFESSOR, UNIV OF DELAWARE, U.S.A., 1989-90).

PRESENT ACTIVITIES : R & D MANAGEMENT; INDUSTRIAL CONSULTANCY; POLYMER ENGINEERING RESEARCH.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, GERMAN.

VISITED : TURKEY, U.S.A., CANADA, JAPAN, U.K., GERMANY, ITALY, FRANCE, KOREA.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, TECH. REPORTS - 30, PATENTS TAKEN - 4, PATENTS FILED - 10, PROCESSES DEVELOPED - 7.

AWARDS & DISTINCTIONS : PROF M SANTAPPA SILVER JUBILEE AWARD IN POLYMER SCIENCE, 1988; MRSI MEDAL, MATERIALS RESEARCH SOCIETY OF INDIA, 1990; HINDUSTAN LEVER AWARD FOR BEING OUTSTANDING CHEMICAL ENGINEER, I I CH E, 1990-91.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 10, R & D MANAGEMENT - 12, SURVEY OF NATURAL RESOURCES - 3, TECHNO - ECONOMIC SURVEYS - 4, PLANNING - 12.

1830

DR V S PATWARDHAN; (B. OCTOBER 13, 1947),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '69; M.S. CHEMICAL ENGINEERING - PURDUE UNIVERSITY, U.S.A. '71; PH.D. CHEMICAL ENGINEERING - PURDUE UNIVERSITY, U.S.A. '74.

SPECIALIZATIONS : MATHEMATICAL MODELLING; GAS-LIQUID REACTIONS; COMPUTER SIMULATION; CHEMICAL REACTION ENGINEERING; HEAT ENERGY RECYCLING; THERMODYNAMICS.

EXPERIENCE : RESEARCH ASSISTANT, PURDUE UNIVERSITY, U.S.A., 1969-74; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1974-91; SCIENTIST F; N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI. HINDI. ENGLISH, FRENCH.

VISITED : U.S.A., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 19. DESIGN - 10, PILOT PLANT - 4, CONSULTANCY - 15.

1831

DR P K RANJEKAR; (B. OCTOBER 26, 1941),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. BIOCHEMISTRY - POONA '64; PH.D. BIOCHEMISTRY - POONA '68.

SPECIALIZATIONS : MOLECULAR BIOLOGY; GENETIC ENGINEERING; BIOTECHNOLOGY; BIOCHEMISTRY.

EXPERIENCE : LECTURER, AHMEDNAGAR COLLEGE, AHMEDNAGAR (MAHARASHTRA), 1964; J.R.F. AND S.R.F. (CSIR), AHMEDNAGAR COLLEGE, AHMEDNAGAR (MAH.), 1964-68; ASSISTANT PROFESSOR, AHMEDNAGAR COLLEGE, AHMEDNAGAR 1968-70; POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF LAVEL, QUEBEC, CANADA, 1970-72; ASSISTANT PROFESSOR, UNIVERSITY OF LAVAL, CANADA, 1972-76; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1977-91; (ALSO ASSOCIATESHIP OF DEPT. OF BIOTECHNOLOGY. 1985-86 AND 1990); SCIENTIST F, N.C.L. SINCE MARCH, 1991.

PRESENT ACTIVITIES : R & D IN MOLECULAR BIOLOGY AND RFLP (BIOTECHNOLOGY).

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : CANADA, U.S.A., FRANCE, THAILAND, PHILIPPINES, HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 75, ARTICLES - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 5, R & D MANAGEMENT - 17, TEACHING - 10, ADMN. - 10.

1832

DR T RAVINDRANATHAN; (B. APRIL 27, 1940),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '59; B.SC.(TECH.) INTERMEDIATES AND DYES - BOMBAY '62; PH.D.(TECH.) ORGANIC CHEMISTRY - BOMBAY '67.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; SYNTHETIC METHODOLOGY.

EXPERIENCE : J.R.F. AND S.R.F. (C.S.I.R.), BOMBAY UNIVERSITY, BOMBAY, 1962-67; P.D.F., CAMBRIDGE UNIVERSITY, U.K., 1967-69; P.D.F., HARWARD UNIVERSITY, U.S.A., 1969-73; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1973-89; SCIENTIST F, N.C.L. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : R & D MANAGEMENT.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : U.K., U.S.A., U.S.S.R., GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 50. PROCESSES DEVELOPED - 4, PATENTS FILED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 18, CONSULTANCY - 4, R & D MANAGEMENT - 14.

1833

DR S SIVARAM; (B. NOVEMBER 4, 1946),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '65; M.SC. CHEMISTRY - I.I.T.. KANPUR '67; PH.D. ORGANIC CHEMISTRY - PURDUE, USA '71.

SPECIALIZATIONS : ORGANIC CHEMISTRY; INDUSTRIAL ORGANIC CHEMISTRY; POLYMER SCIENCE AND POLYMER TECHNOLOGY; CATALYSIS.

EXPERIENCE : RESEARCH ASSOCIATE, INSTITUTE OF POLYMER SCIENCE, AKRON, OHIO, USA, 1971-73; SENIOR RESEARCH OFFICER, PRINCIPAL RESEARACH OFFICER AND SENIOR MANAGER (R & D); SCEINTIST F, N.C.L. SINCE JANUARY. 1988.

PRESENT ACTIVITIES : R&D AND RESEARCH MANAGEMENT; EDITOR OF INTERNATIONAL R & D JOURNALS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED . U.S.A., U.K., CANADA, JAPAN, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 60.

AWARDS & DISTINCTIONS : VASVIK AWARD, 1987; CONTRIBUTING EDITOR, CHEM, AN AMERICAN JOURNAL, 1987; PROF M SANTAPPA SILVER JUBILEE AWARD IN POLYMER SCIENCE. 1988; MRF PRIZE FOR BEST PAPER, 1988; MEMBER, SEVERAL NATIONAL AND INTERNATIONAL COMMISSIONS & COMMITTEES ON S & T PROGRAMMES; MEMBER, AMERICAN CHEMICAL SOCIETY; MEMBER, EDITORIAL BOARD, POLYMER BULLETIN, A SPRINGER-VERLAG JOURNAL.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 17, TECHNICAL DEVELOPMENT - 14, R&D MANAGEMENT - 11.

1834

DR M C SRINIVASAN; (B. AUGUST 17, 1935),

SCIENTIST F, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.A. BOTANY - MADRAS '55; PH.D. MYCOLOGY AND PLANT PATHOLOGY - POONA '59.

SPECIALIZATIONS : INDUSTRIAL MICROBIOLOGY AND FERMENTATION; MYCOLOGY AND PLANT PATHOLOGY; BOTANY.

EXPERIENCE : J.S.A., S.S.A., J.S.O., SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, N.C.L., 1957-88; (ALSO HIGHER RESEARCH IN MICROBIOLOGY OF SEED-BORNE PATHOGENS, DENMARK, 1969-70); SCIENTIST F, N.C.L. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : RESEARCH IN INDUSTRIAL MICROBIOLOGY WITH REFERENCE TO BIOTECHNOLOGY OF MICROBIAL ENZYMES AND NOVEL GERMPLASM RESOURCE POOLS IDENTIFICATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A., DENMARK, JAPAN, CZECHOSLOVAKIA, PHILIPPINES, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 75, TECH. REPORTS - 1, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : J V BHAT-EUREKA FORBES AWARD FOR "EXCELLENCE IN RESEARCH IN MICROBIOLOGY", 1990; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES, 1992.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 29, APP. RES. - 29.

1835

DR SUKUMAR DEVOTTA; (B. APRIL 3, 1948),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '71; M.TECH. CHEMICAL ENGINEERING - MADRAS '73; PH.D. CHEMICAL ENGINEERING - MADRAS '78; M.SC. CHEMICAL ENGINEERING - UNIVERSITY OF SALFORD, U.K. '84.

SPECIALIZATIONS : ENERGY CONSERVATION; PROCESS DESIGN; HEAT PUMPS; PROCESS ECONOMICS.

EXPERIENCE : LECTURER, UNIVERSITY OF MADRAS, 1977-79; POST DOCTRAL RESEARCH, UNIVERSITY OF SALFORD, U.K., 1979-84; SCIENTIST EI, N.C.L., 1984-88; (ALSO HONORARY VISITING FELLOW, UNIVERSITY OF SALFORD, U.K. 1984-88). SCIENTIST EII, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN PROCESS DESIGN AND SIMULATION; INDUSTRIAL ENERGY AUDIT ALTERNATIVES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.K., MEXICO, U.S.A., AUSTRIA, GERMANY.

PUBLICATIONS & PATENTS : RES.PAPERS - 100, SCIENTIFIC BOOK - 1, BOOK - 1 CHAPTER

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 10, DESIGN - 7, TECH. DEV. - 3, CONSULTANCY - 5, R&D MGMT - 5, TEACHING - 2, TECHNO-ECONOMIC SURVEYS - 5, TECHNOLOGY TRANSFER - 3, EDITING - 5, COMPUTER PROCESSING - 8.

1836

DR S GANAPATHY; (B. DECEMBER 19, 1947),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '68; M.SC. PHYSICS - POONA '71; PH.D. PHYSICS - MADRAS '77.

SPECIALIZATIONS : NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY; ELECTRONIC INSTRUMENTATION; STRUCTURAL CRYSTALLOGRAPHY; COMPUTER PROGRAMMING.

EXPERIENCE : LECTURER, AHMEDNAGAR COLLEGE, MAHARASHTRA, 1971-72; JUNIOR (UGC) AND SENIOR (CSIR) RESEARCH FELLOW, MADRAS UNIVERSITY, 1972-77; POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF BRITISH COLUMBIA, CANADA, 1978-81; POST-DOCTORAL RESEARCH ASSOCIATE, UNIVERSITY OF ILLINOIS, 1981-82; POST- DOCTORAL RESEARCH ASSOCIATE, UNIVERSITY OF MINNESOTA, U.S.A., 1982-84; RESEARCH SCIENTIST, NUCLEAR MAGNETIC RESONANCE CENTER, UNIVERSITY OF ROCHESTER MEDICAL CENTRE, ROCHESTER, NEW YORK, U.S.A., 1984-87; SCIENTIST EI, N.C.L., 1987-90; SCIENTIST EII, N.C.L. SINCE JULY, 1990.

PRESENT ACTIVITIES : R&D IN APPLICATIONS OF SOLID STATE NMR TO POLYMERS AND ZEOLITE CATALYSTS.

LANGUAGES : TAMIL, MARATHI, HINDI, ENGLISH.

VISITED : CANADA, U.S.A., SWITZERLAND, GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 57.

AWARDS & DISTINCTIONS : BRUKER NMR AWARD, BRUKER, GERMANY, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20. APP. RES. - 7. MAINTENANCE OF NMR - 10. TEACHING - 10.

1837

DR A N GOKARN; (B. DECEMBER 1, 1939),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CHEM. ENGG., - BOMBAY '64; M.SC. (TECH.) CHEMICAL ENGINEERING - BOMBAY '67; PH.D. (TECH.) CHEMICAL ENGINEERING - BOMBAY '72.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; CATALYTIC REACTION ENGINEERING; PILOT PLANT SCALE-UP; GAS-MELT CONTACTING; COAL GASIFICATION; TREATMENT AND UTILISATION OF INDUSTRIAL WASTES.

EXPERIENCE : RESEARCH FELLOW AND RESEARCH ASSISTANT, BOMBAY UNIVERSITY, 1964-68; S.R.F., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1968- 90; (ALSO POST-DOCTORAL FELLOW, WASHINGTON UNIVERSITY, U.S.A., 1981-82); SCIENTIST EII, N.C.L. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : TROUBLESHOOTING OF PETROCHEMICAL PLANTS; R & D IN GAS-SOLID REACTION; TREATMENT & UTILISATION OF INDUSTRIAL WASTES; APPLIED RESEARCH.

LANGUAGES : KONKANI, HINDI, MARATHI, KANNADA, ENGLISH, GERMAN.

VISITED : U.S.A., GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, CHAPTER IN BOOK - 1, TECH. REPORTS - 8. PATENTS FILED - 6, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 16, PILOT PLANT - 12, TECHNO ECONOMIC SURVEYS - 1.

1838

SHRI M V GOKHALE; (B. FEBRUARY 20, 1938),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - KARNATAK '59; B.SC. (TECH.) OIL TECHNOLOGY - BOMBAY '61; M.TECH. CHEMICAL TECHNOLOGY - NAGPUR '64.

SPECIALIZATIONS : PROCESS DEVELOPMENT.

EXPERIENCE : S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1964-86; SCIENTIST EII, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, PILOT PLANT - 16

1839

DR C GOPINATHAN; (B. DECEMBER 27, 1936),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '57; M.SC. CHEMISTRY - VIKRAM '61; PH.D. CHEMISTRY - POONA '67.

SPECIALIZATIONS : INORGANIC CHEMISTRY; METAL ORGANIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, ST. THOMAS COLLEGE, TRICHUR, 1957-59; LECTURER, ST. MARY'S COLLEGE, TRICHUR, 1961-62; J.S.A., S.S.A., J.S.O., S.S.O. II, SCIENTIST C AND SCIENTIST EI, N.C.L., 1962-88; SCIENTIST EII, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : FRANCE, U.S.S.R., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 104, PATENTS TAKEN - 11, PROCESSES DEVELOPED - 27, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25, TEACHING - 3.

1840

DR(MRS) S GOPINATHAN; (B. JUNE 2, 1940),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '62; M.SC. INORGANIC CHEMISTRY - B.H.U. '64; PH.D. ORGANOMETALLIC CHEMISTRY - POONA '72.

SPECIALIZATIONS : ORGANOMETALLIC CHEMISTRY; INORGANIC CHEMISTRY.

EXPERIENCE : S.R.F., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1967-91; SCIENTIST EII, N.C.L. SINCE APRIL, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, MARATHI, ENGLISH.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 86, PATENTS TAKEN - 11, PATENTS FILED - 1, PROCESSES DEVELOPED - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 19, TESTING - 19.

1841

DR B G HAZRA; (B. SEPTEMBER 8, 1943),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '63; M.SC. CHEMISTRY - CALCUTTA '65; PH.D. SYNTHETIC ORGANIC CHEMISTRY - JADAVPUR '71.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; STEREOCONTROLLED SYNTHESIS OF NATURAL PRODUCTS OF BIOLOGICAL INTERESTS; ASYMMETRIC SYNTHESIS; DEVELOPMENT OF NEW REAGENTS.

EXPERIENCE : S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1971-91; (ALSO HIGHER STUDIES AND RESEARCH IN SYNTHETIC ORGANIC CHEMISTRY, U.S.A., 1974-76 & VISITING SCIENTIST, TOKYO, JAPAN, 1985-86); SCIENTIST EII, N.C.L. SINCE MARCH, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.S.A., JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, PROJECT REPORT - 1, PATENTS TAKEN - 4 TECH. REPORTS - 1, PROCESSES DEVELOPED - 1, PROCESS UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : FELLOW, JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE, 1985-86.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 7, CONSULTANCY - 1, TEACHING - 3.

1842

DR K V KRISHNAMURTHY; (B. DECEMBER 5, 1942),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. BOTANY - S.V. UNIVERSITY '63; PH.D. BIOLOGY - LOMONOSOV STATE UNIVERSITY OF MOSCOW, U.S.S.R. '71.

SPECIALIZATIONS : PLANT TISSUE CULTURE/PLANT BIOTECHNOLOGY; ELECTRON MICROSCOPY; PLANT PHYSIOLOGY; CYTOCHEMISTRY.

EXPERIENCE : TEACHING STAFF, S.V. UNIVERSITY, 1963-67; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1967-89; SCIENTIST EII, N.C.L. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH, RUSSIAN.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 10, TEACHING - 4.

1843

DR S KRISHNAN; (B. AUGUST 8, 1949),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. PHYSICS - BOMBAY '69; M.SC. PHYSICS - BOMBAY '71; PH.D. PHYSICS - I.I.SC., BANGALORE '75.

SPECIALIZATIONS : COMPUTER APPLICATIONS IN CHEMICAL RESEARCH; CHEMICAL INFORMATION SYSTEMS.

EXPERIENCE : POST-DOCTORAL FELLOW, UNIVERSITY OF CALIFORNIA, U.S.A., 1975-78; VISITING FELLOW, NATIONAL CENTRE FOR SOFTWARE DEVELOPMENT, 1978-80; RESEARCH SCIENTIST, MATHEMATICAL APPLICATIONS & COMPUTER CHEMISTRY GROUP, CIBA-GEIGY, SWITZERLAND, 1980-86; SCIENTIST EI, N.C.L., 1986-87; SCIENTIST EII, N.C.L. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ON COMPUTER APPLICATIONS IN CHEMISTRY.

LANGUAGES : TAMIL, MALAYALAM, HINDI, GERMAN.

VISITED : U.S.A., SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 4, COMPUTER APPLICATIONS.

1844

DR M G KULKARNI; (B. NOVEMBER 14, 1950),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) - BOMBAY '70; B.SC. (TECH.) PLASTICS TECHNOLOGY - BOMBAY '73; M.SC. (TECH.) PLASTICS TECHNOLOGY - BOMBAY '76; PH.D. (TECH.) PLASTICS TECHNOLOGY - BOMBAY '81.

SPECIALIZATIONS : PLASTICS TECHNOLOGY; RUBBER TECHNOLOGY; SYNTHETIC RESINS DEVELOPMENT; CONTROLLED RELEASE DELIVERY SYSTEMS.

EXPERIENCE : RESEARCH CHEMIST, ASIAN PAINTS (INDIA) LTD., 1973-74; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1974-90; SCIENTIST EII, N.C.L. SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, ARTICLES - 2.

AWARDS & DISTINCTIONS : YOUNG ASSOCIATE, INDIAN ACADEMY OF SCIENCES, BANGALORE.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 4.

1845

DR G PANDEY; (B. JULY 5, 1954),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '73; M.SC. CHEMISTRY - AGRA '75; PH.D. CHEMISTRY - B.H.U. '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : POOL OFFICER, PANJAB UNIVERSITY, CHANDIGARH, 1983-84; SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1984-91; SCIENTIST EII, N.C.L. SINCE JULY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., SOUTH KOREA.

PUBLICATIONS & PATENTS : RES. PAPERS - 48, PATENTS - 5.

AWARDS & DISTINCTIONS : CSIR YOUNG SCIENTIST AWARD, 1988; B M BIRLA SCIENCE PRIZE, 1990; FELLOW, INDIAN ACADEMY OF SCIENCES; FELLOW, NATIONAL ACADEMY OF SCIENCES; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APP. RES. - 10.

1846

DR G T PANSE; (B. JUNE 12, 1943),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BOMBAY '63; PH.D. ORGANIC CHEMISTRY - BOMBAY '68.

SPECIALIZATIONS : APPLIED CHEMISTRY; BIOORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSOCIATE, MASSACHUSETTS UNIVERSITY, U.S.A., 1968-70; RESEARCH ASSOCIATE, WASHINGTON UNIVERSITY, U.S.A., 1970-72; SCIENTIST C AND SCIENTIST EI, N.C.L., 1972-89; SCIENTIST EII, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN PEPTIDE CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., GERMANY, ITALY, SWITZERLAND, U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 10.

1847

DR A PANT; (B. JULY 5, 1943),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE

QUALIFICATIONS : B.SC. BOTANY - POONA '63; M.SC. MARINE BIOLOGY - HAWAII, USA '69; PH.D ALGAL PHYSIOLOGY - LONDON '73

SPECIALIZATIONS : MARINE BIOTECHNOLOGY; ALGAL PHYSIOLOGY.

EXPERIENCE : POOL OFFICER AND SCIENTIST B, N.I.O 1973-90; SCIENTIST EII, N.C.L. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : RESEARCH.

1848

MR A P PENDSE; (B. MAY 9, 1948),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - IIT, BOMBAY - '70; M.S. CHEMICAL ENGINEERING - UNIV OF WYOMING, U.S.A. '72; I.C.W.A. COST & WORKS ACCOUNTING - INDIA '86.

SPECIALIZATIONS : CHEMICAL PRODUCTS AND PROCESSING.

EXPERIENCE : RESEARCH ASSISTANT, HINDUSTAN LEVER, 1972-75; PARTNER, VIJAY CHEMICAL INDUSTRIES, 1975-78; TECHNICAL DIRECTOR, AGARWAL ORGANICS (P) LTD. 1979-83; SCIENTIST EI, N.C.L., 1983-89; SCIENTIST EII, N.C.L. SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT IN BIOTECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES - 10, DESIGN - 5, TECH. DEV - 5, PILOT PLANT - 6, CONSULTANCY - 1, CONSTRUCTION - 1, OPERATION - 5, MAINTENANCE - 5, PRODUCTION - 5, TECHNO-ECONOMIC SURVEYS - 5, PLANNING - 5, SALES MARKETING - 5, ADMN - 5.

1849

DR A V RAMASWAMY; (B. MAY 6, 1943),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : PH.D. CHEMISTRY - MADRAS '69.

SPECIALISATIONS : CATALYSIS; CATALYTIC PROCESSING; OXIDES AND ZEOLITES; PHYSICAL ORGANIC CHEMISTRY.

EXPERIENCE : LECTURER, LOYOLA COLLEGE, 1969-72; SCIENTIST, I.I.P., DEHRADUN, 1972-89; (ALSO HUMBOLDT FELLOW, W. GERMANY FOR HDS CATALYSTS, 1978-79); SCIENTIST EII, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN, FRENCH

VISITED : GERMANY, U.S.A., FRANCE, JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, TECH REPORTS - 10, PATENTS FILED CURRENTLY - 8

AWARDS & DISTINCTIONS : CSIR CHEMICAL TECHNOLOGY AWARD, 1992.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 20, APP. RES. - 20, CONSULTANCY - 4, TEACHING - 3

1850

DR V R RANADE; (B. JANUARY 9, 1954),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

1851

DR J C SEHRA; (B. MAY 31, 1936),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '56; M.SC. CHEMISTRY - POONA '61; PH.D. POLYMER CHEMISTRY - POONA '83.

SPECIALIZATIONS : POLYMERIZATION TECHNOLOGY; IONIC POLYMERIZATION; CONDENSATION POLYMERIZATION.

EXPERIENCE : DEMONSTRATOR, R.S.D. COLLEGE, FEROZEPUR AND D.A.V. COLLEGE, AMRITSAR, 1957-59; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1961-91; (ALSO HIGHER TRAINING IN POLYMER CHEMISTRY, U.K., 1977); SCIENTIST EII, N.C.L. SINCE MARCH, 1991.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH.

VISITED : U.K., U.S.A., U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, ARTICLES - 3, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 20, TEACHING - 1.

1852

DR R N SHARMA; (B. APRIL 9, 1940),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) ZOOLOGY - DELHI '60; M.SC. ZOOLOGY (ENTOMOLOGY) - DELHI '62; PH.D. ZOOLOGY - DELHI '68.

SPECIALIZATIONS : ENTOMOLOGY; INSECT TOXICOLOGY; INSECTICIDES; PEST MANAGEMENT; CONTROLLED RELEASE TECHNOLOGY; AGROCHEMICALS; NATURAL PRODUCTS; POLLUTION CONTROL; ALLELOCHEMICS; BUILDING TERMITE CONTROL; PUBLIC HEALTH.

EXPERIENCE : RESEARCH FELLOW, RESEARCH INVESTIGATOR AND RESEARCH ASSOCIATE, DELHI UNIVERSITY, 1967-74; SCIENTIST C AND SCIENTIST EI, N.C.L, 1974-86; SCIENTIST EII, N.CL. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : W. GERMANY, SWITZERLAND, FRANCE, U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 167, ARTICLES - 12, BOOK REVIEWS - 10, PATENTS FILED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 20, TECH. DEV. - 12, R & D MANAGEMENT - 12, TESTING - 20, SURVEY OF NATURAL RESOURCES - 10, CONTROLLED RELEASE TECHNOLOGY - 4.

1853

DR SUBRAMANIAN SIVASANKER; (B. OCTOBER 25, 1944),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '64; M.SC. CHEMISTRY - MADRAS '66; PH.D. CHEMISTRY - MADRAS '71.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS; PETROCHEMICAL PRODUCTION BY CATALYSIS; PETROLEUM REFINING CATALYSTS.

EXPERIENCE : LECTURER, LOYOLA COLLEGE, MADRAS, 1970-73; SCIENTIST B AND SCIENTIST C, I.I.P., DEHRADUN, 1973-84; (ALSO POST DOCTORAL FELLOW, U.S.A., 1980-81); SCIENTIST EI, N.C.L., 1984-88; (ALSO DEPUTED TO JAPAN, MEXICO, U.S.A. AND CANADA UNDER A UNDP PROJECT FOR STUDIES IN THE FIELD OF SYNTHESIS AND INDUSTRIAL APPLICATIONS OF ZEOLITES, 1986); SCIENTIST EII, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R&D IN CATALYSIS.

LANGUAGES : TAMIL, HINDI, ENGLISH, FRENCH.

VISITED : U.S.A., VENEZUELA, U.S.S.R., JAPAN, MEXICO, CANADA, KUWAIT, HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 78, PATENTS TAKEN - 15, PATENTS FILED - CURRENTLY - 25, PROCESSES DEVELOPED - 4.

AWARDS & DISTINCTIONS : VASVIK AWARD, 1991; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 23, APP. RES. - 20, TEACHING - 4.

1854

SHRI S R SRINIVASAN; (B. MARCH 31, 1936),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '56; B.SC. (TECH.) PLASTICS TECHNOLOGY - BOMBAY '58; M.SC. (TECH.) PLASTICS TECHNOLOGY - BOMBAY '68.

SPECIALIZATIONS : POLYMER TECHNOLOGY.

EXPERIENCE : CHEMIST, M/S BAKELITE HYLAM LTD., HYDERABAD, 1958-60; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., 1960-89; SCIENTIST EII, N.C.L. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APPLIED RES. - 27.

1855

DR(MRS) A V AGASHE; (B. APRIL 9, 1947),

TECHNICAL OFFICER (EI), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.B.B.S. MEDICINE SURGERY - BOMBAY '69; D.G.O. - BOMBAY '72.

SPECIALIZATIONS : GYNAECOLOGY & OBSTETRICS.

EXPERIENCE : SURGEN, MEDICAL CENTRE, N.C.L., 1961-73; TECHNICAL OFFICER (EI), N.C.L. SINCE JUNE, 1973.

LANGUAGES : MARATHI, HINDI, GUJARATI, KANNADA, ENGLISH.

1856

DR S BADRINARAYANAN; (B. AUGUST 3, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. PHYSICS - MADRAS '61; PH.D. PHYSICS - MADRAS '69.

SPECIALIZATIONS : SOLID STATE DIFFUSION; ELECTRON SPECTROSCOPY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1962-87; SCIENTIST EI, N.C.L. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 55.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 32.

1857

SHRI S D BAKARE; (B. JUNE 25, 1945),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. ELECTRICAL - SHIVAJI '66; B.E. MECHANICAL - SHIVAJI '67; DIPLOMA IN BUSINESS MANAGEMENT '81.

SPECIALIZATIONS : ELECTRONICS; ANALYTICAL INSTRUMENTATION; PROCESS CONTROL; DIGITAL ELECTRONICS AND COMPUTERS.

EXPERIENCE : SALES-CUM-SERVICE ENGINEER, 1963-68; J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1968-87; SCIENTIST EI, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : INSTUMENTATION; IR ANALYSER MANAGEMENT; DEVELOPMENT OF HPLC PROJECT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, CONSULTANCY - 6, MAINTENANCE - 18, PRODUCTION - 2, TECHNO-ECONOMIC SURVEYS - 6, TECHNOLOGY TRANSFER - 6, SALES MARKETING - 5, ADMN. - 15.

1858

SHRI S BALAKRISHNAN; (B. NOVEMBER 30, 1937),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '57; B.SC.(TECH.) CHEMICAL ENGINEERING - MADRAS '59; M.I.CHEM.E. CHEMICAL ENGINEERING - INSTITUTION OF CHEMICAL ENGINEERS, U.K. '60.

SPECIALIZATIONS : PROCESS DESIGN; PROCESS DEVELOPMENT.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1961-81; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : PILOT PLNAT.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 4. PATENTS FILED CURRENTLY - 2, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, DESIGN - 15, PILOT PLANT - 10.

1859

DR B V BAPAT; (B. SEPTEMBER 8, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '59; B.SC. (HONS.) CHEMISTRY - POONA '60; M.SC. ORGANIC CHEMISTRY - POONA '61; PH.D. CHEMISTRY - POONA '67.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; ORGANOPHOSPHOROUS-SYNTHETIC COMPOUNDS; HIGH PRESSURE LIQUID CHROMATOGRAPHY; SYNTHESIS OF LIQUID CRYSTALS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1961-86; SCIENTIST EI, N.C.L. SINCE JULY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25, TECH. DEV. - 25, OPERATION - 25, QUALITY CONTROL - 25.

1860

DR A BHATTACHARYA; (B. OCTOBER 29, 1950),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - JADAVPUR '71; M.E. CHEMICAL ENGINEERING - JADAVPUR '73; PH.D. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '81.

SPECIALIZATIONS : PROCESS MODELLING AND SIMULATION; CHEMICAL REACTION ENGINEERING; MASS TRANSFER WITH CHEMICAL REACTION; SEPARATION METHODS.

EXPERIENCE : UGC JUNIOR FELLOW, JADAVPUR UNIVERSITY, CALCUTTA, 1974; PROJECT ASSISTANT, COUNCIL FOR SCIENCE & TECHNOLOGY, BANGALORE, 1980-81; SCIENTIST B AND SCIENTIST C, N.C.L., 1981-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 15, APP. RES. - 12, DESIGN - 4, CONSULTANCY - 12, MAINTENANCE - 6, COMPUTER PROGRAMMING - 15.

1861

SHRI K C BRAHME; (B. SEPTEMBER 13, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '63, M.SC. ORGANIC CHEMISTRY - POONA '78

SPECIALIZATIONS : PROCESS DEVELOPMENT

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1963-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESSES DEVELOPED - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 24, PILOT PLANT - 24.

1862

DR P CHAKRABARTI; (B. JANUARY 1, 1955),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - I.I.T., KHARAGPUR '76; : PH.D. CHEMISTRY - I.I.SC., BANGALORE '81.

SPECIALIZATIONS : CRYSTALLOGRAPHY.

EXPERIENCE : POST DOCTORAL FELLOW, PURDUE UNIVERSITY, USA, 1982-84; POST DOCTROL FELLOW. UCLA, USA, 1984-89; RESEARCH FELLOW, CALIFORNIA INST. OF TECHNOLOGY, U.S.A., 1989-90; SCIENTIST EI, N.C.L. SINCE JANUARY, 1990

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., CANADA, MEXICO, SINGAPORE, HONG KONG, BANGLADESH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 30.

AWARDS & DISTINCTIONS : INTERNATIONAL UNION OF CRYSTALLOGRAPHY YOUNG SCIENTIST AWARD, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : 18.

1863

DR D CHAKRABARTY; (B. JUNE 11, 1940),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - BOMBAY '59; M.SC. CHEMISTRY - BOMBAY '61; PH.D. CHEMISTRY - BOMBAY '71.

SPECIALIZATIONS : HIGH TEMPERATURE CHEMISTRY; POWDER METALLURGY; HIGH VACUUM TECHNOLOGY.

EXPERIENCE : RESEARCH FELLOW. BOMBAY UNIVERSITY, 1961-62; S.T.A., I.I.T., BOMBAY, 1962-65; SCIENTIST B AND SCIENTIST C, N.C.L., 1965-82; SCIENTIST EI, N.C.L. SINCE JANUARY, 1982.

PRESENT ACTIVITIES : R & D IN HIGH TEMPERATURE CHEMISTRY.

LANGUAGES : BENGALI, HINDI, MARATHI, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13, PILOT PLANT - 3, QUALITY CONTROL - 1, TEACHING - 2, TECHNOLOGY TRANSFER - 2.

1864

DR(MRS) B M CHANDA; (B. DECEMBER 15, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DELHI '67; M.SC. ORGANIC CHEMISTRY - DELHI '69; PH.D. ORGANIC CHEMISTRY - DELHI '73; PH.D. ORGANIC CHEMISTRY - SALFORD UNIVERSITY, U.K. '78.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, N.C.L., 1979-89; SCIENTIST EI, N.C.L. SINCE JULY, 1989.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : TAMIL, HINDI, BENGALI, MARATHI, ENGLISH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APPLIED RES. - 12, TEACHING - 2.

1865

SHRI ISHWAR CHANDRA; (B. NOVEMBER 15, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - H.B.T.I., KANPUR '70; M.E. CHEMICAL ENGINEERING - ROORKEE '73; M.SC. CHEMICAL ENGINEERING - SALFORD, U.K. '85.

SPECIALIZATIONS : PROCESS DESIGN; HEAT PUMP TECHNOLOGY.

EXPERIENCE : CHEMICAL TRAINEE, CAWNPORE CHEMICAL WORKS, KANPUR, 1971; S.S.A., R.R.L., HYDERABAD, 1973-76; SCIENTIST B, I.I.P., NEW DELHI, 1976-80; SCIENTIST B AND SCIENTIST C, N.C.L., 1980-88; SCIENTIST EI, N.C.L. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : DESIGN OF MONOCHLOROBENZENE PLANT.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

AWARDS & DISTINCTIONS : MEMBER, INSTITUTION OF CHEMICAL ENGINEERS; MEMBER, ASSOSIATION OF BRITISH COUNCIL SCHOLARS.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, OPERATION - 1.

1866

DR C E DESHPANDE; (B. AUGUST 21, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE

QUALIFICATIONS : B.SC. - POONA '59; B.SC. (HONS.) CHEMISTRY - POONA '61; M.SC. PHYSICAL CHEMISTRY - POONA '62; PH.D. CHEMISTRY - POONA '82.

SPECIALIZATIONS : HARD AND SOFT FERRITES; SOLID STATE CHEMISTRY; MATERIALS SCIENCE.

EXPERIENCE : DEMONSTRATOR, D.A.V. COLLEGE, SHOLAPUR, 1959-60; LECTURER, SANGLI COLLEGE, SANGLI, 1962-

64; J.R.F., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : MEMBER, MRSI; MEMBER, INDIAN CERAMIC SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 23, TECH. DEV. - 23, TEACHING - 2.

1867

SHRI K G DESHPANDE; (B. MAY 27, 1935),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '58; M.SC. ORGANIC CHEMISTRY - BOMBAY '69; CERTIFICATE IN COMPUTER PROGRAMMING - POONA '72.

SPECIALIZATIONS : NMR SPECTROSCOPY.

EXPERIENCE : DEMONSTRATOR, JSS SCIENCE AND BANASHANKARI ARTS COLLEGE, DHARWAR, 1958-59; ASSISTANT, SUB. REGIONAL EMPLOYMENT EXCHANGE, HUBLI, 1959; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1962-91; (ALSO TRAINING IN NMR, 1983); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 2, OPERATION - 18, QUALITY CONTROL - 25.

1868

DR V H DESHPANDE; (B. SEPTEMBER 23, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. ORGANIC CHEMISTRY - POONA '66; PH.D. ORGANIC CHEMISTRY - POONA '71.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1972-91; (ALSO POST DOCTORAL RESEARCH FELLOW, RICE UNIVERSITY, HOUSTON, TEXAS, U.S.A., 1977-78); SCIENTIST EI, N.C.L. SINCE OCTOBER, 1991.

PRESENT ACTIVITIES : RESEARCH IN ISOLATION AND SYNTHESIS OF BIOLOGICALLY ACTIVE COMPOUNDS.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 43, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13.

1869

DR(MRS) V V DESHPANDE; (B. MAY 7, 1945),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : PH.D. BIOCHEMISTRY - POONA '74.

SPECIALIZATIONS : BIOCHEMISTRY; ENZYME CHEMISTRY; MICROBIOLOGY; MOLECULAR BIOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1975-88; (ALSO TRAINING UNDER U.N.D.P., SWEDEN, 1977 & POST-DOCTORAL RESEARCH, USA, 1983-84); SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : SWEDEN, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 17.

1870

DR N N DHANESHWAR; (B. JANUARY 10, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '58; B.SC. (HONS.) CHEMISTRY - POONA '59; M.SC. PHYSICAL CHEMISTRY - POONA '60; PH.D. X-RAY CRYSTALLOGRAPHY - POONA '73.

SPECIALIZATIONS : X-RAY CRYSTALLOGRAPHY; COMPUTER PROGRAMMING.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1961-86; SCIENTIST EI, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 31.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, COMPUTER PROGRAMMING - 20.

1871

SHRI SANKAR GHOSH; (B. JANUARY 4, 1944),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - JADAVPUR '65; M.SC. CHEMICAL ENGINEERING - SALFORD, U.K. '86.

SPECIALIZATIONS : PROCESS DESIGN AND DEVELOPMENT; ENERGY MANAGEMENT.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-88; SCIENTIST EI, N.C.L. SINCE JUNE, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28.

1872

MR S GOPICHAND; (B. AUGUST 14, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

1873

SHRI A A GUNARI; (B. APRIL 30, 1942),

SCIENTIST EI. NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - POONA '79.

SPECIALIZATIONS : MACROMOLECULAR CHEMISTRY; DEVELOPMENT OF NITRILE RUBBER PROCESS.

EXPERIENCE : CHEMIST. GARWARE NYLONS, POONA. 1965-66; SUPERVISOR, AMMUNITION FACTORY, POONA. 1966; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91;(ALSO POST-GRADUATE TRAINING IN MACROMOLECULAR CHEMISTRY, UNDER U.N.E.S.C.O., CZECHOSLOVAKIA, 1972-73); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH. GERMAN.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, ARTICLES - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE KNOW HOW FOR THE MANUFACTURE OF NITRILE RUBBER, 1979.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7. APP. RES. - 20.

1874

DR V G GUNJIKAR; (B. OCTOBER 25, 1935),

SCIENTIST EI. NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '60; M.SC. PHYSICAL CHEMISTRY - BOMBAY '62; PH.D. CHEMISTRY - BOMBAY '68.

SPECIALIZATIONS : THERMODYNAMIC PROPERTIES: CALORIMETERY; THERMAL ANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1962-91; SCIECTIST EI, N.C.L. SINCE FEBRUARY. 1991.

PRESENT ACTIVITIES : CHARACTERISATION OF PROJECT SAMPLES.

LANGUAGES : MARATHI, HINDI, KANNADA, KONKANI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 27.

AWARDS & DISTINCTIONS : FELLOW, INDIAN THERMAL ANALYTICAL SOCIETY. 1981.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 31, APP. RES. - 16, DESIGN - 20, CONSULTANCY - 10. OPERATION - 12, QUALITY CONTROL - 31, ADMINISTRATION - 4.

1875

DR(MRS) VIDYA SHRIKANT GUPTA; (B. JUNE 22, 1955),

SCIENTIST EI. NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : B.SC. - POONA '75; M.SC. BIOCHEMISTRY - POONA '77; PH.D. BIOCHEMISTRY - POONA '81.

SPECIALIZATIONS : PLANT MOLECULAR BIOLOGY; GENETIC ENGINEERING.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, N.C.L., 1982-90; (ALSO VISITING SCHOLAR AS RAMAN RESEARCH FELLOW. CSIR, TEXAS A & M UNIVERSITY, U.S.A., 1988-89); SCIENTIST EI, N.C.L. SINCE MARCH, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : JAPAN. U.S.A.. E. GERMANY, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, ARTICLES - 5.

AWARDS & DISTINCTIONS : A KRISHNAMURTHY AWARD FOR BEST PAPER, SOCIETY OF BIOLOGICAL CHEMISTS, INDIA, 1981.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 5. RESEARCH - 5.

1876

DR(MRS) SULEKHA HAZRA; (B. JANUARY 23, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - CALCUTTA '67; M.SC. PHYSIOLOGY - CALCUTTA '69; PH.D. PHYSIOLOGY - CALCUTTA '75.

SPECIALIZATIONS : PLANT TISSUE CULTURE; MICROENVIRONMENT OF PRE-IMPLANTATION EMBRYOS IN MAMMALS; PHYSIOLOGY OF REPRODUCTION; PLANT MORPHOGENESIS IN VITRO; STORAGE LIPID ACCUMULATION IN VITRO; STRESS TOLERANCE.

EXPERIENCE : J.R.F., UNIVERSITY OF CALCUTTA, 1970-74; POST DOCTORAL RESEARCH FELLOW, HARVARD UNIVERSITY, U.S.A., 1974-76; POOL OFFICER, S.S.A. AND SCIENTIST B, N.C.L., 1976-86; SCIENTIST C, N.P.L., 1986-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN PLANT TISSUE CULTURE.

LANGUAGES : BENGALI, HINDI. MARATHI, ENGLISH.

VISITED : U.S.A., BANGLADESH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECHNOLOGY TRANSFERED - 1, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14. APP.RES.- 6, CONSULTANCY - 1, TEACHING - 8, TECHNOLOGY TRANSFER - 2.

1877

DR R R HENDRE; (B. JULY 29, 1935),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '58; M.SC. BIOCHEMISTRY - POONA '78; PH.D. BIOCHEMISTRY - POONA '88.

SPECIALIZATIONS : PLANT TISSUE CULTURE; SOMACLONAL TECHNOLOGY; PLANT MOLECULAR BIOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1961-90; SCIENTIST EI, N.C.L. SINCE APRIL, 1990.

PRESENT ACTIVITIES : RESEARCH IN SOMACLONAL TECHNOLOGY AND PLANT BIOTECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

AWARDS & DISTINCTIONS : CSIR TECHNOLOGY AWARD, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25.

1878

DR S V HIREMATH; (B. MARCH 6, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) - KARNATAK '58; M.SC. ORGANIC CHEMISTRY - KARNATAK '63; PH.D. ORGANIC CHEMISTRY - POONA '68.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, R.L.S. INSTITUTE, BELGAUN, 1958-60; J.R.F., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1960-89; (ALSO POST-DOCTORAL RESEARCH, ST. LOUIS UNIVERSITY, U.S.A., 1978-79); SCIENTIST EI, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KANNADA, MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 24.

1879

SHRI R R HIRWANI; (B. SEPTEMBER 14, 1956),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '77; B.SC.(TECH) CHEMICAL TECHNOLOGY - BOMBAY '80; M.D.B.A. MARKETING MANAGEMENT - INSTITUTE OF MANAGEMENT DEVELOPMENT & RESEARCH, PUNE '81.

SPECIALIZATIONS : MARKET DEVELOPMENT; R & D PLANNING; TECHNOLOGY TRANSFER; TECHNO ECONOMIC SURVEYS; PROCESS DEVELOPMENT.

EXPERIENCE : PLANNING & DEVELOPMENT MANAGER, AGARWAL ORGANICS PVT. LTD., PUNE, 1980-82; SENIOR ENGINEER, KIRLOSKAR CONSULTANTS LTD., PUNE, 1982-84; SCIENTIST C, N.C.L., 1984-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : TECHNO-ECONOMIC EVALUATION; TECHNOLOGY TRANSFER; PRODUCT AND MARKET DEVELOPMENT; R & D MANAGEMENT & MARKETING.

LANGUAGES : SINDHI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 30, ARTICLES - 8, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES - 3, DESIGN - 2, TECH.DEV. - 6, PILOT PLANT -7, CONSULTANCY - 8, R&D MGMT - 7, INDL. MGMT - 2, TECHNO-ECONOMIC SURVEYS - 10, PLNG - 7, TECHONLOGY TRANSFER - 7, SALES MARKETING - 5, ADMN. - 2, EDITING - 2, EXTENSION - 2.

1880

SHRI H S JAGTAP; (B. FEBRUARY 4, 1941),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. INORGANIC CHEMISTRY - POONA '64.

SPECIALIZATIONS : INORGANIC CHEMISTRY; SPECTROSCOPY.

EXPERIENCE : LECTURER CUM DEMONSTRATOR, M.S.G. COLLEGE, MALEGAON, 1964-65; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-91; SCIENTIST EI, N.C.L SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 10, R & D - 11.

1881

DR H G JOGLEKAR; (B. OCTOBER 30, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGG. - IIT, BOMBAY '72; D.B.I.M. - DATAMATICS INST. OF MANAGEMENT, BOMBAY '76; CERTIFICATE IN OPERATIONAL RESEARCH - POONA '77; CERTIFICATE IN COMPUTER PROGRAMMING - POONA '79.

SPECIALISATIONS : TECHNOECONOMIC EVALUATIONS; HUMAN RESOURCE DEVELOPMENT; TECHNOLOGY TRANSFER.

EXPERIENCE : SR. TRAINEE - CHEMICAL ENGINEER, NATIONAL RAYON CORPN., KALYAN, 1972-73; MANAGEMENT TRAINEE CHEMICAL ENGINEER, J K CHEMICALS, THANA, 1973- 74; CHEMICAL ENGINEER - SAHYADRI DYESTUFS & CHEMCIAL LTD, PUNE, 1974-75; SENIOR SCIENTIFIC ASSISTANT - N.C.L., PUNE, 1975-78; TECHNOLOGIST AND DEPUTY MANAGER, HINDUSTAN ANTIBIOTICS LTD, PUNE, 1978-88; SCINETIST EI, N.C.L. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : TECHNOECONOMIC EVALUATIONS, MARKETING AND HUMAN RESOURCE DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2, OTHERS - 2.

AWARDS & DISTINCTIONS : KESHAWSUT AWARD FOR BEST POETRY BOOK, GOVERNMENT OF MAHARASHTRA, 1982-83.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL: 18 YEARS).

1882

DR K JOSEPH; (B. AUGUST 30, 1936),

SCIENTIST EII, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - POONA '60; PH.D CHEMISTRY - POONA '85.

SPECIALIZATIONS : INORGANIC AND ORGANOMETALLANIC CHEMISTRY; CATALYSIS.

EXPERIENCE : J.S.A., S.S.A., J.S.O., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, N.C.L., PUNE, 1961-91; SCIENTIST EII, N.C.L. SINCE 1991.

PRESENT ACTIVITIES : DEVELOPMENT OF CATALYSTS.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 4, PATENTS - 4, PATENTS FILED CURRENTLY - 2, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 26, PILOT PLANT - 5.

1883

DR(MRS) H V KAMATH; (B. JULY 6, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MYSORE '60; M.SC. CHEMISTRY - BOMBAY '73; PH.D. CHEMISTRY - POONA '81.

SPECIALIZATIONS : POTENTIAL ANTIHISTAMINIC COMPOUNDS; TERPENOIDS; ANTITUBERCULAR COMPOUNDS; SYNTHESIS OF ISATOGENS; BENZISOXAZOLES AND OTHER BIOLOGICALLY ACTIVE COMPOUNDS; QSAR STUDIES BY HANSCH ANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1960-91; (ALSO SYNTHESIS & DRUG DESIGNING STUDIES BY HANSCH ANALYSIS, SUNDERLAND POLYTECHNIC, U.K., 1986-87); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH ON SYNTHESIS AND RATIONAL DESIGN OF BIOLOGICALLY ACTIVE MOLECULES.

LANGUAGES : KANNADA, KONKANI, HINDI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 22.

1884

DR S K KAMATH; (B. AUGUST 8, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '65; M.SC. ORGANIC CHEMISTRY - SHIVAJI '67; PH.D. SYNTHESIS OF HETEROCYCLIC COMPOUNDS - POONA '72.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PEPTIDE CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1971-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN PEPTIDE CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 16.

1885

DR A G KELKAR; (B. NOVEMBER 4, 1947),

TECHNICAL OFFICER (EI), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.B.B.S. - PUNE '72.

SPECIALIZATION : MEDICINE.

EXPERIENCE : ASST. SURGEON (B) AND TECHNICAL OFFICER (C), N.C.L., 1980-90; TECHNICAL OFFICER EI, N.C.L. SINCE JULY, 1980.

PRESENT ACTIVITY : CLINICAL.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 20.

1886

DR R G KELKAR· (B. OCTOBER 16, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '68; M.SC. CHEMISTRY - POONA ' 78; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : PHOTOCHEMISTRY; AGROCHEMICALS; APPLIED ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : CHEMIST, SUDERSHAN CHEMICALS INDUSTRIES, PUNE, 1968; S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1968-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH ON AGROCHEMICALS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : BURMA.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 4, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP.RES. - 8, PILOT PLANT - 1, TECHNO-ECONOMIC SURVEYS - 1, TECHNOLOGY TRANSFER - 2.

1887

DR B M KHAN; (B. MAY 3, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '73; M.SC. BIOCHEMISTRY - A.M.U. '75; M.PHIL. BIOCHEMISTRY - A.M.U. '84; PH.D. BIOCHEMISTRY - A.M.U. '86.

SPECIALIZATIONS : ENZYMOLOGY; PLANT TISSUE CULTURE; PLANT BIOCHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., C.S.I.R., 1976-79; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1979-90; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE AND MOLECULAR BIOLOGY.

LANGUAGES : HINDI, SANSKRIT, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11.

1888

DR P N KHANNA; (B. NOVEMBER 1, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. ORGANIC CHEMISTRY - AGRA '63; PH.D. CHEMISTRY - POONA '80.

1885

DR A G KELKAR; (B. NOVEMBER 4, 1947),

TECHNICAL OFFICER (EI), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.B.B.S. - PUNE '72.

SPECIALIZATION : MEDICINE.

EXPERIENCE : ASST. SURGEON (B) AND TECHNICAL OFFICER (C), N.C.L., 1980-90; TECHNICAL OFFICER EI, N.C.L. SINCE JULY, 1980.

PRESENT ACTIVITY : CLINICAL.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 20.

1886

DR R G KELKAR; (B. OCTOBER 16, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '68; M.SC. CHEMISTRY - POONA ' 78; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : PHOTOCHEMISTRY; AGROCHEMICALS; APPLIED ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : CHEMIST, SUDERSHAN CHEMICALS INDUSTRIES, PUNE, 1968; S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1968-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH ON AGROCHEMICALS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : BURMA.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 4, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP.RES. - 8, PILOT PLANT - 1, TECHNO-ECONOMIC SURVEYS - 1, TECHNOLOGY TRANSFER - 2.

1887

DR B M KHAN; (B. MAY 3, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '73; M.SC. BIOCHEMISTRY - A.M.U. '75; M.PHIL. BIOCHEMISTRY - A.M.U. '84; PH.D. BIOCHEMISTRY - A.M.U. '86.

SPECIALIZATIONS : ENZYMOLOGY; PLANT TISSUE CULTURE; PLANT BIOCHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., C.S.I.R., 1976-79; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1979-90; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE AND MOLECULAR BIOLOGY.

LANGUAGES : HINDI, SANSKRIT, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11.

1888

DR P N KHANNA; (B. NOVEMBER 1, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. ORGANIC CHEMISTRY - AGRA '63; PH.D. CHEMISTRY - POONA '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1963-86; SCIENTIST EI, N.C.L. SINCE MAY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS FILED - 8, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14.

1889

DR S S KHUSPE; (B. JUNE 16, 1944),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : B.SC.(HONS.) AGRICULTURE - POONA '66; M.SC.(AGRI.) CYTOGENETICS AND PLANT BREEDING - PUNJABRAO KRISHI VIDYAPEETH, AKOLA '69; PH.D. CYTOGENETICS AND PLANT BREEDING - MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI '79.

SPECIALIZATIONS : CYTOGENETICS AND PLANT BREEDING; PLANT TISSUE CULTURE.

EXPERIENCE : AGRICULTURAL SUPERVISOR, AGRICULTURAL OFFICER AND ASSISTANT PROFESSOR, MAHATMA PHULE KRISHI VIDYAPITH, RAHURI, 1969-79; SCIENTIST B AND SCIENTIST C, N.C.L., 1979-89; SCIENTIST EI, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 3.

AWARDS & DISTINCTIONS : CSIR TECHNOLOGY AWARD FOR DEVELOPING NEW TECHNIQUES OF PLANT TISSUE CULTURE.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING - 2, EXTENSION - 2.

1890

DR A N KOTASTHANE; (B. MARCH 7, 1940),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - PUNE '63; M.SC. PHYSICAL CHEMISTRY - PUNE '78; PH.D. PHYSICAL CHEMISTRY - PUNE '85.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ZEOLITE CHEMISTRY AND ZEOLITE SYNTHESIS; THERMODYNAMICS OF SORPTION IN ZEOLITES; PHYSICO-CHEMICAL CHARATERIZATION OF ZEOLITE CATALYST.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1964-89; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH; CONSULTANCY; TECHNOLOGY TRANSFER.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.S.R., BELGIUM, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, PATENTS TAKEN - 22, PATENTS FILED - 3, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2, TECH. REPORTS - 1.

AWARDS & DISTINCTIONS : ICMA CITATION FOR TECHNOLOGY DEVELOPMENT FOR XYLOFINING PROCESS, 1985; ICMA CITATION FOR DEVELOPMENT OF ENCILITE-2 FOR ALBENE TECHNOLOGY, 1989; CSIR TECHNOLOGY AWARD, 1990; MEMBER, INTERNATIONAL ZEOLITE ASSOCIATION (IZA), 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP.RES. - 20, TECHNOLOGY TRANSFER - 3, CONSULTANCY - 5.

1891

SHRI M G KOTASTHANE; (B. NOVEMBER 28, 1937),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '61; M.SC. ORGANIC CHEMISTRY - PUNE '80.

SPECIALIZATIONS : PROCESS DEVELOPMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1961-89; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 1, PROCESSES DEVELOPED - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24.

1892

DR SURESH T KSHIRSAGAR; (B. FEBRUARY 23, 1941),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. PHYSICS - MARATHWADA '70; PH.D. PHYSICS - POONA '77

SPECIALIZATIONS : SOLID STATE PHYSICS; MATERIALS SCIENCE; AMORPHOUS MATERIALS AND THIN FILMS; RAMAN SPECTROSCOPY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1963-89; (ALSO POST-DOCTORAL FELLOW, U.S.A., 1979-81); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 56, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 10, COMPUTER PROCESSING - 2.

1893

DR M P KULKARNI; (B. JUNE 5, 1938),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '61; M.SC. INORGANIC CHEMISTRY - KARNATAK '64; PH.D. HIGH TEMPERATURE CHEMISTRY - KARNATAK '72.

SPECIALIZATIONS : HIGH TEMPERATURE CHEMISTRY; INORGANIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, P.C. JABIN SCIENCE COLLEGE, HUBLI, 1961-62; J.S.A., D.M.R.L., HYDERABAD, 1962; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. AND TEACHING (TOTAL : 26 YEARS).

1894

DR S S KULKARNI; (B. DECEMBER 29, 1954),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T. BOMBAY '77; M.S. CHEMICAL ENGINEERING - SYRACUSE UNIVERSITY, U.S.A. '79; PH.D. CHEMICAL ENGINEERING - SYRACUSE UNIVERSITY, U.S.A. '82.

EXPERIENCE : SR. RES. CHEMICAL ENGINEER, UOP RESEARCH CENTRE, USA, 1982-85; RESEARCH SPECIALIST, UOP RESEARCH CENTRE, 1985-89; SCIENTIST EI, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : MEMBRANE R & D.

1895

DR S Y KULKARNI; (B. JULY 12, 1937),

TECHNICAL OFFICER (EI), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '57; DIPLOMA IN GERMAN LANGUAGE - POONA '74; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS, INDIA '79; PH.D. CHEMISTRY - PUNE '86.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; MICROCHEMICAL TECHNIQUES; INSTRUMENTAL ANALYSIS; CHROMATOGRAPHY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1957-80; (ALSO POST GRADUATE FELLOW FOR HIGHER RESEARCH IN CHEMISTRY, UNDER UNESCO, UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA, 1971); TECHNICAL OFFICER (EI), N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH IN MICROANALYSIS; ANALYTICAL & ORGANIC METHODS DEVELOPMENT, MANAGEMENT OF ANALYTICAL GROUP.

LANGUAGES : MARATHI, HINDI, GUJARATI, GERMAN.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 10, TECH. DEV. - 8, ADMN. - 10.

1896

SHRI VINAYAK RAO RAMRAO KULKARNI; (B. OCTOBER 16, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '64.

SPECIALIZATIONS : OIL TECHNOLOGY; CARBOHYDRATE CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91; SCIECTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, PILOT PLANT - 2.

1897

DR A H LACHKE; (B. DECEMBER 26, 1946),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67; M.SC. BIOCHEMISTRY - POONA '69; PH.D. BIOCHEMISTRY - POONA '83.

SPECIALIZATIONS : ENZYMOLOGY; BIOTECHNOLOGY; MICROBIOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1973-91; (ALSO UNIDO FELLOW, U.S.A., 1984 AND SENIOR RESEARCH ASSOCIATE, UNIVERSITY OF NEW ENGLAND, ARMIDALE, N.S.W., AUSTRALIA, 1989-90); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN BIOTECHNOLOGY AND BIOMASS UTILIZATION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, TECH. REPORTS - 1, ARTICLES - 15, POPULAR ARTICLES IN MARATHI - 75, PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 1.

AWARDS & DISTINCTIONS : CERTIFICATE OF APPRECIATION FOR EXCELLENCE IN PENTOSE METABOLISM, UNITED STATES DEPT OF AGRICULTURE, 1984.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES.- 2, DESIGN - 1.

1898

DR R J LAHOTI; (B. MAY 31, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '68; M.SC. ORGANIC CHEMISTRY - SHIVAJI '74; PH.D. ORGANIC CHEMISTRY - SHIVAJI '79.

SPECIALIZATIONS : DYES AND INTERMEDIATES; DRUGS AND INTERMEDIATES.

EXPERIENCE : LABORATORY CHEMIST, SUDHARSHAN CHEMICAL INDUSTRIES, 1968; CHEMIST, WALCHAND SUGAR INDUSTRY, 1968; S.L.A., J.T.A., S.T.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1969-92; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : RESEARCH ON DRUGS & DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, ARTICLES - 1, PATENTS TAKEN - 9, PATENTS FILED - 1, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 10, CONSULTANCY - 3, TECHNOLOGY TRANSFER - 2.

1899

DR A B LANDGE; (B. JANUARY 3, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '64; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS (INDIA) '73; PH.D. CHEMISTRY - POONA '82.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : TEACHER, HINDI SEVA MANDIR, 1964-65; ASSISTANT CHEMIST, GOVT. DISTILLERY, 1965-66; LABORATORY ASSISTANT, J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 28.

1900

DR S S MAHAJAN; (B. NOVEMBER 23, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - BOMBAY '66; PH.D. CHEMISTRY - BOMBAY '73.

SPECIALIZATIONS : POLYMER CHEMISTRY AND TECHNOLOGY; ADHESIVES AND SEALANTS.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1970-87; (ALSO TRAINING IN MACROMOLECULAR CHEMISTRY, CZECHOSLOVAKIA, 1976-77); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 3, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 20.

1901

SHRI S S MAHAJAN; (B. AUGUST 14, 1938),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '61.

SPECIALIZATIONS : PILOT PLANT SCALE-UP; PROCESS DEVELOPMENT.

EXPERIENCE : TRAINEE, H.E. FACTORY, POONA, 1961-63; FUEL CHEMIST, KHADI AND VILLAGE INDUSTRIES COMMISSION, BOMBAY, 1963; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1963-84; SCIENTIST EI, N.C.L. SINCE JULY, 1984.

PRESENT ACTIVITIES : R & D IN SILICON PREPARATION AND ELECTRONIC SLADE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PILOT PLANT - 10.

1902

DR A B MANDALE; (B. FEBRUARY 1, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '69; M.SC. PHYSICAL CHEMISTRY - SHIVAJI '71; PH.D. CHEMISTRY - POONA '79.

SPECIALIZATIONS : THIN FILMS; PHOTOELECTRON SPECTROSCOPY; TRANSPORT PROPERTIES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1971-91; SCIECTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 28.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP.RES. - 7, OPERATION - 6, TEACHING - 1.

1903

DR A R MEHENDALE; (B. SEPTEMBER 13, 1937),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '59; B.SC. (HONS.) CHEMISTRY - POONA '61; M.SC. ORGANIC CHEMISTRY - POONA '62; PH.D. CHEMISTRY OF NATURAL PRODUCTS - POONA '71.

SPECIALIZATIONS : ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : RESEARCH ASSISTANT, INDIAN LAC RESEARCH INSTITUTE, RANCHI, 1962-64; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-90; (ALSO POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF ABERDEEN, U.K., 1973-74); SCIENTIST EI, N.C.L. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D IN ORGANIC CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 20. PATENTS - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 11.

1904

DR P P MOGHE; (B. APRIL 22, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '63; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS, INDIA '73; PH.D. CHEMISTRY - POONA '81.

SPECIALIZATIONS : PILOT PLANT SCALE-UP; PESTICIDES; SYNTHESIS OF FINE CHEMICALS; CHEMISTRY OF DYES; FOOD SCIENCE; HETEROCYCLIC CHEMISTRY; INDUSTRIAL CONSULTANCY; WATER POLLUTION; POLLUTION CONSULTANCY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1963-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT; POLLUTION RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 8. PATENTS TAKEN - 7, PATENTS FILED - 15, PROCESSES DEVELOPED - 15, PROCESSES UNDER UTILISATION - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 14, PILOT PLANT - 6.

1905

DR(MS) RAJANI S NADGAUDA; (B. MARCH 19, 1951),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '71; M.SC. MICROBIOLOGY - POONA '73; PH.D. BIOCHEMISTRY - POONA '84.

SPECIALIZATIONS : PLANT TISSUE CULTURE.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1974-89; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE.

LANGUAGES : MARATHI, HINDI, KONKANI, ENGLISH.

VISITED : MALAYASIA, U.K., HOLLAND.

PUBLICATIONS & PATENTS : RES.PAPERS - 20, TECH. REPORTS - 2, ARTICLES - 5, REVIEWS - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 5, PATENT FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP.RES. - 17, CONSULTANCY - 2, TEACHING - 3, TECHNOLOGY TRANSFER - 7.

1906

SHRI R V NAIK; (B. JUNE 1, 1946),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '72.

SPECIALIZATIONS : PROCESS DESIGN; PROCESS CONTROL; REACTOR DESIGN; SIMULATION STUDIES.

EXPERIENCE : S.S.A. AND SCIENTIST B, N.C.L., 1973-80; DEVELOPMENT EXECUTIVE, B.V.M. LTD., KALOL, 1980-83; SENIOR DEVELOPMENT ENGINEER, AKAY INDU, HUBLI, 1983-84; SCIENTIST C, N.C.L., 1984-89; SCIENTIST EI, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : PILOT PLANT; CATALYST TESTING.

LANGUAGES : KANNADA, MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 10, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES - 8, DESIGN - 4, TECH.DEV. - 4, PILOT PLANT - 4, CONSTRUCTION - 4, OPERATION - 4, TESTING - 4, MAINTENANCE - 2, PRODUCTION - 2, TECHNOLOGY TRANSFER - 2.

1907

DR O G B NAMBIAR; (B. JULY 8, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ANALYTICAL CHEMISTRY - KERALA '65; PH.D. ANALYTICAL CHEMISTRY - KERALA '72.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-85; SCIENTIST EI, N.C.L. SINCE OCTOBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 14.

1908

DR B S NANJUNDIAH; (B. MARCH 6, 1938),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MYSORE '57; M.SC. CHEMISTRY - BOMBAY '67; PH.D. CHEMISTRY - BOMBAY '78.

SPECIALIZATIONS : AUTOXIDATION; PHOTOCHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1962-88; SCIENTIST EI, N.C.L. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : KANNADA, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. REPORTS - 12, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 14.

1909

DR A A NATU; (B. APRIL 14, 1947),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67; M.SC. ORGANIC CHEMISTRY - POONA '69; PH.D. ORGANIC CHEMISTRY - POONA '75; DIPLOMA IN GERMAN LANGUAGE - POONA '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY; STEROIDS AND TERPENOIDS STEREOCHEMISTRY; ASYMMETRIC SYNTHESIS; OLIGONUCLEOTIDE AND PEPTIDE SYNTHESIS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1973-91; (ALSO HIGHER RESEARCH, UNDER DAAD FELLOWSHIP, W. GERMANY, 1976-78); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.K., SWITZERLAND, FRANCE, HOLLAND, AUSTRIA, DENMARK, U.S.S.R., SWEDEN.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 20, APPLIED RESEARCH - 20.

1910

SHRI SANJAY NENE; (B. JULY 4, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : DIPLOMA IN BREWING - HERRIOT-WATT UNIVERSITY, U.K. '77; M.SC. APPLIED MICROBIOLOGY - HERRIOT-WATT UNIVERSITY, U.K. '79; M.TECH. BIOCHEMICAL ENGINEERING - I.I.T., DELHI '81.

SPECIALIZATIONS : BIOCHEMICAL ENGINEERING; MEMBRANE APPLICATIONS IN BIOTECHNOLOGY.

EXPERIENCE : BREWING CHEMIST, ASSOCIATED BREWERS, THANA, 1975-76; RESEARCH ASSOCIATE, HINDUSTAN ANTIBIOTICS, PIMPRI, 1981-83; TECHNICAL CONSULTANT, MILLIPOSE INTERTECH INC., BOMBAY, 1983-85; (ALSO TECHNICAL TRAINING IN MEMBRANE TECHNOLOGY, AUSTRALIA, 1983-84); SCIENTIST C, N.C.L., 1985-88; SCIENTIST EI, N.C.L. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : R&D IN BIOCHEMICAL ENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES. - 2, TECH. DEV. - 2, PRODUCTION - 2.

1911

DR V G NEURGAONKER; (B. JANUARY 4, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '55; B.SC. (HONS.) CHEMISTRY - POONA '56; M.SC. INORGANIC CHEMISTRY - POONA '57; PH.D. PHYSICS (X-RAY CRYSTALLOGRAPHY) - FREE UNIVERSITY, W.BERLIN '69.

SPECIALIZATIONS : PROCESS DEVELOPMENT; INORGANIC CHEMISTRY; CHEMICAL TECHNOLOGY; X-RAY CRYSTALLOGRAPHY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1957-83; SCIENTIST EI, N.C.L. SINCE NOVEMBER, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 4, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, PILOT PLANT - 10.

1912

SHRI SOURAV PAL; (B. MAY 12, 1955),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - I.I.T., KANPUR '77; PH.D. CHEMISTRY - JADAVPUR '85.

SPECIALIZATIONS : QUANTUM CHEMISTRY; COMPUTER PROGRAMMING; COMPUTATIONAL CHEMISTRY.

EXPERIENCE : SCIENTIFIC ASSISTANT, T.I.F.R., BOMBAY, 1977-78; SCIENTIST B AND SCIENTIST C, N.C.L., 1982-90; (ALSO POST-DOCTORAL RESEARCH ASSOCIATE, UNIVERSITY OF FLORIDA, U.S.A., 1986-87; AND ALEXANDER VON HUMBOLD FELLOW, UNIVERSITY OF HEIDELBERG, W. GERMANY, 1987-88); SCIENTIST EI, N.C.L. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : RESEARCH ON ELECTRONIC STRUCTURE.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, ARTICLES - 1.

AWARDS & DISTINCTIONS : YOUNG SCIENTIST MEDAL, INSA, 1987; CSIR YOUNG SCIENTIST AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10.

1913

DR BIPIN PANDEY; (B. JULY 1, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - B.H.U. '70; M.SC. ORGANIC CHEMISTRY - B.H.U. '72; PH.D. ORGANIC CHEMISTRY - I.I.T., KANPUR '80.

SPECIALIZATIONS : ORGANIC SYNTHESIS; PHOTOCHEMISTRY; RADICAL ION CHEMISTRY.

EXPERIENCE : LECTURER, S.C. POST-GRADUATE COLLEGE, BALLIA, U.P., 1975-76; P.D.F., HIGHER RESEARCH IN ORGANIC CHEMISTRY, PURDUE UNIVERSITY, U.S.A., 1981-83; ALEXANDER VON HUMBOLD FELLOW AND MAX-PLANCK FELLOW, WEST GERMANY, 1983-85 AND 1985-86 RESPECTIVELY; SCIENTIST C, N.C.L., 1986-90; SCIENTIST EI. N.C.L. SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH ON SYNTHESIS OF ANTITUMOR AND ANTIARTHRITIS COMPOUNDS.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.A., W. GERMANY, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, TEACHING - 2.

1914

DR S G PATASKAR; (B. SEPTEMBER 18, 1941),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. PHYSICAL CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '84; M.SC. CHEMICAL ENGINEERING - UNIVERSITY OF SALFORD, U.K. '87.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CATALYSIS; ENERGY CONSERVATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-91; (ALSO TRAINING IN ENERGY CONSERVATION AND HEAT PUMP TECHNOLOGY, OVERSEAS DEVELOPMENT AGENCY, U.K., 1986-87); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, PILOT PLANT - 10.

1915

DR(MRS) S A PATWARDHAN; (B. JUNE 3, 1937),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '58; M.SC. CHEMISTRY - BOMBAY '61; PH.D. CHEMISTRY - BOMBAY '66.

SPECIALIZATIONS : ISOLATION OF PURE BIOLOGICALLY ACTIVE COMPOUNDS FROM PLANT EXTRACTS; CHEMISTRY OF NATURAL PRODUCTS; PESTICIDE CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-87; SCIENTIST EI, N.C.L. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, ARTICLES - 47, PATENTS FILED - 3, BOOKS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 21, TEACHING - 2.

1916

SHRI V R PATWARDHAN; (B. OCTOBER 8, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - NAGPUR '68; PH.D. ENERGY RECOVERY - UNIVERSITY OF SALFORD, UK, 1988.

SPECIALIZATIONS : CHEMICAL ENGINEERING; PROCESS DESIGN AND DEVELOPMENT; ENERGY RECOVERY.

EXPERIENCE : SHIFT SUPERVISOR, CENTRAL PULP MILLS, LTD., SUNGAD, 1969; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1969-89; (ALSO ADVANCED TRAINING IN HEAT ENERGY RECYCLING HEAT PUMPS, U.K., 1982-83); SCIENTIST EI, N.C.L. SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : WORKING FOR SPONSORED SCHEMES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 5, DESIGN - 6, PILOT PLANT - 5.

1917

MR V R PENDYALA; (B. JUNE 15, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - B.H.U. '71; M.SC. CHEMICAL ENGINEERING - B.H.U. '73; PH.D. CHEMICAL & GAS ENGINEERING - UNIVERSITY OF SALFORD, U.K. '80.

SPECIALISATIONS : COMPUTER PROGRAMMING; ENERGY CONSERVATION; COMMISSIONING; PILOT PLANT TECHNOLOGY DEVELOPMENT AND COMMISSIONING.

EXPERIENCE : PRODUCTION ENGINEER. INSECON CONSULTANT, HYDERABAD, 1974-75; S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1975-89; (ALSO ADVANCED TRAINING IN THE FIELD OF HEAT PUMP HEAT ENERGY CONSERVATION IN U.K., 1981-82 AND TRAINING IN INDUSTRIAL ENERGY AUDIT & PROCESS INTEGRATION, U.K., 1990); SCIENTIST EI, N.C.L. SINCE JULY, 1989.

PRESENT ACTIVITIES : PILOT PLANT (ALCOHOL DISTRIBUTION).

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 4, DESIGN - 2, PILOT PLANT - 4, CONSULTANCY - 2, TECHNO-ECO SURVEYS - 1, COMPUTER PROG. - 2.

1918

DR SURENDRA PONRATHNAM; (B. APRIL 7, 1950),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '70; M.SC. CHEMISTRY - MADRAS '72; PH.D. POLYMER CHEMISTRY - POONA '77.

SPECIALIZATIONS : COPOLYMERISATION SYNTHESIS AND CHARACTERISATION; MATRIX POLYMERISATION; POLYELECTROLYTES; LIQUID CRYSTALLINE AND PHOTOSENSITIVE POLYMERS; METAL CHELATION; ENZYME IMMOBILIZATION.

EXPERIENCE : LECTURER AND RESEARCH ASSOCIATE, UNIVERSITY OF LOWELL, U.S.A., 1978-83; SCIENTIST C, N.C.L., 1983-88; (ALSO VISITING FACULTY MEMBER, UNIVERSITY OF POONA, 1986); SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : POLYMER SYNTHESIS AND CHARACTERISATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 64. SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP.RES. - 7, TECH.DEV. - 5, CONSULTANCY - 5, TESTING - 11, TEACHING - 3, PLANNING - 5.

1919

DR SHIRISH DATTATRAY PRADHAN; (B. NOVEMBER 25, 1945),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - BOMBAY '65; M.SC. PHYSICAL CHEMISTRY - BOMBAY '70; PH.D. CHEMISTRY - BOMBAY '77.

SPECIALIZATIONS : CHEMICAL THERMODYNAMICS; PHYSICAL CHEMISTRY; COMPUTER PROGRAMMING; ORGANIC SYNTHESIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D ON CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BAS. RES. - 25, APP. RES. - 2, PILOT PLANT - 2.

1920

DR S D PRASAD; (B. JANUARY 22, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.-KERALA '70; M.SC. CHEMISTRY - POONA '73; PH.D. CHEMISTRY - POONA '77

SPECIALIZATIONS : CATALYSIS; REACTION KINETICS; SURFACE PHENOMENA.

EXPERIENCE : SCIENTIST C, N.C.L., 1981-87; SCIENTIST EI, N.C.L. SINCE MARCH, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : DENMARK, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

AWARDS & DISTINCTIONS : YOUNG ASSOCIATE, INDIAN ACADEMY OF SCIENCES, BANGALORE.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 9.

1921

DR S RADHAKRISHNAN; (B. JULY 31, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) PHYSICS - POONA '69; M.SC. PHYSICS - I.I.T., KANPUR '71; PH.D. PHYSICS - POONA '77.

SPECIALIZATIONS : POLYMER PHYSICS; SOLID STATE PHYSICS; MATERIALS SCIENCE;

EXPERIENCE : RESEARCH ASSOCIATE, MATERIALS SCIENCE CENTRE, I.I.T., MADRAS, 1976-77; SCIENTIST B, N.P.L., NEW DELHI, 1977-82; SCIENTIST C, N.C.L., 1983-88; (ALSO POST DOCTORAL FELLOW, THE NETHERLANDS, 1978-79); SCIENTIST EI, N.C.L. APRIL, 1988; (ALSO VISITING SCIENTIST IN POLYMER PHYSICS, U.K., 1991).

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : TAMIL, HINDI, MARATHI, ENGLISH, GERMAN.

VISITED : THE NETHERLANDS, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, SCIENTIFIC BOOKS - 2 CHAPTERS, ARTICLES - 5, PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 10.

1922

DR B S RAO; (B. MAY 9, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANDHRA '61; M.SC. PHYSICAL CHEMISTRY - ANDHRA '62; PH.D. HIGH TEMPERATURE CHEMISTRY - POONA '70.

SPECIALIZATIONS : THERMODYNAMICS; HIGH TEMPERATURE CHEMISTRY; CATALYSIS.

EXPERIENCE : DEMONSTRATOR, ANDHRA UNIVERSITY, 1962-65; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-87; (ALSO HIGHER TRAINING IN HETEROGENEOUS CATALYSIS, INSTITUTE C.N.R., T.A.E., ITALY, 1983-84); SCIENTIST EI, N.C.L. SINCE JANUARY, 1987; (ALSO DEPUTED TO JAPAN, MEXICO, U.S.A. AND CANADA UNDER A UNDP PROJECT FOR STUDIES IN THE FIELD OF SYNTHESIS AND INDUSTRIAL APPLICATIONS OF ZEOLITES, 1988).

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : TELUGU, HINDI, MARATHI, ENGLISH, GERMAN, ITALIAN.

VISITED : FRANCE, ITALY, JAPAN, MEXICO, CANADA, U.S.A., U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, PATENTS FILED - 12, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, OPERATION - 4, TESTING - 1, TEACHING - 2.

1923

DR(MRS) MALA RAO; (B. JUNE 4, 1947),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : PH.D. CHEMISTRY - POONA '72.

SPECIALIZATIONS : BIOCHEMISTRY; ENZYME CHEMISTRY; MICROBIOLOGY; MOLECULAR CLONING.

EXPERIENCE : J.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1979-89; (ALSO TRAINING UNDER UNDP, SWEDEN, 1980); SCIENTIST EI, N.C.L. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : SWEDEN, CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 16.

1924

SHRI DILIP D RAVETKAR; (B. JULY 29, 1953),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.CH.E. CHEMICAL ENGINEERING - BOMBAY '79.

SPECIALIZATIONS : MASS TRANSFER; EQUIPMENT DESIGN; PROCESS SIMULATION AND OPTIMIZATION OF CHEMICAL PLANTS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1979-89; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : SIMULATION & OPTIMISATION OF PLANTS.

LANGUAGES : HINDI, MARATHI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, DESIGN - 10, PILOT PLANT - 7, CONSULTANCY - 6, TECHNOLOGY TRANSFER - 6, COMPUTER PROCESSING - 7.

1925

DR S K RAWAL; (B. SEPTEMBER 15, 1947),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KASHMIR '68; M.SC. BOTANY - BARODA '72; PH.D. BOTANY - BARODA '79.

SPECIALIZATIONS : PLANT PHYSIOLOGY; BIOCHEMISTRY; PLANT TISSUE CULTURE; PLANT MOLECULAR BIOLOGY.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, N.C.L., 1981-89; SCIENTIST EI, N.C.L. SINCE JYLY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, KASHMIRI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 7.

1926

DR(MRS) MEENAKSHI V RELE; (B. APRIL 3, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '69; M.SC. BIOCHEMISTRY - MADRAS '71; PH.D. CHEMISTRY - POONA '77.

SPECIALIZATIONS : ENZYME CHEMISTRY; PROTEIN CHEMISTRY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1972-91; SCIENTIST EI, N.C.L. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, MARATHI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, PATENTS - 2.

AWARDS & DISTINCTIONS : RAMAN RESEARCH FELLOWSHIP AWARD IN BIOTECHNOLOGY, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10.

1927

DR A B SAHASRABUDHE; (B. OCTOBER 3, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS (INDIA) '73; PH.D. CHEMISTRY - POONA '81.

SPECIALIZATIONS : DYES AND INTERMEDIATES; FINE CHEMICALS; DRUGS.

EXPERIENCE : J.S.A., C.I.M.E., KIRKEE, 1962-63; CHEMIST, SAWAKAR CHEMICAL INDUSTRIES, BOMBAY, 1963-64; CHEMIST, SAHAYADRI DYE-STUFFS AND CHEMICALS, POONA, 1965-66; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91; (ALSO DEPUTED TO POLAND ON EXCHANGE PROGRAMME, 1984); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 10, TECH. DEV. - 4, PILOT PLANT - 4, QUALITY CONTROL - 1, PRODUCTION - 2.

1928

DR S R SAINKAR; (B. JUNE 14, 1946),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) PHYSICS - POONA '68; M.SC. PHYSICS - POONA '70; PH.D. PHYSICS - POONA '82.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION; ELECTRONIC SPECTROSCOPY; MATERIALS SCIENCE.

EXPERIENCE : J.S.A., A.F.M.C., POONA, 1970-76; S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1976-91; (ALSO TRAINING IN OPERATION, MAINTENANCE OF ESCA, SEM AND XRD, U.K., 1979; POST-DOCTORAL RESEARCH ASSOCIATE IN ELECTRONIC SPECTROSCOPY, U.S.A., 1984-86); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, MAINTENANCE - 18, TEACHING - 3, PLANNING - 3.

1929

SHRI M G SANE; (B. JULY 1, 1941),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) - POONA '63; ASSOCIATE MEMBER, INDIAN INSTITUTE OF CHEMICAL ENGINEERS, (INDIA) '70; M.SC. PHYSICAL CHEMISTRY - POONA '77; M.SC CHEMICAL ENGINEERING - SALFORD UNIVERSITY, U.K.

SPECIALIZATIONS : PILOT PLANT SCALE-UP; PROCESS DEVELOPMENT.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1963-86; SCIENTIST EI, N.C.L. SINCE MARCH, 1986.

PRESENT ACTIVITIES : R & D; CATALYTIC PILOT PLANT DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1, PROCESSES DEVELOPED - 9, PROCESSES UNDER UTILISATION - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 24, DESIGN - 14, TECH. DEV. - 24, PILOT PLANT - 24, TECHNOLOGY TRANSFER - 19.

1930

DR S D SANSARE; (B. DECEMBER 25, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - BOMBAY '65; M.SC. CHEMISTRY - BOMBAY '70; PH.D. CHEMISTRY - BOMBAY '82.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS; PROCESS DEVELOPMENT; GAS CHROMATOGRAPHY; NATURAL GAS CONVERSION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1966-91; (ALSO POST-DOCTORAL RESEARCH, SPONSORED BY CNRS, FRANCE, 1984); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH ON CATALYSIS/ZEOLITES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.S.R., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 3, TECH. REPORTS - 1, PATENTS FILED CURRENTLY - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 12, PILOT PLANT - 12, CONSULTANCY - 1.

1931

DR S D SATHAYE; (B. MAY 13, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - POONA '63; M.SC. PHYSICAL CHEMISTRY - POONA '65; PH.D. PHYSICAL CHEMISTRY - POONA '73.

SPECIALIZATIONS : MATERIALS SCIENCE; SEMICONDUCTORS; SOLAR ENERGY UTILISATION; CHEMICALS DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-91; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENT - 3, TECH. REPORTS - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3, PATENTS FILED CURRENTLY - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 27, TECHNICAL DEV. - 10, PILOT PLANT - 3, R & D MANAGEMENT - 3, PLANNING - 3.

1932

DR V SHANKAR; (B. MARCH 12, 1944),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. BIOCHEMISTRY - POONA '66; PH.D. BIOCHEMISTRY - POONA '73.

SPECIALIZATIONS : BIOCHEMISTRY; BIOTECHNOLOGY

EXPERIENCE : DEMONSTRATOR, POONA UNIVERSITY POONA, 1972-74; P.D. FELLOW, W. GERMANY, 1974-75; P.D. FELLOW, BAYLOR COLLEGE OF MEDICINE. U.S.A., 1975; STAFF ASSOCIATE, COLUMBIA UNIVERSITY, U.S.A., 1975-78; SENIOR CHEMIST, SARABHAI RESEARCH CENTRE, BARODA, 1979-81; SCIENTIST B AND SCIENTIST C, N.C.L., 1981-91; SCIENTIST EI, N.C.L. SINCE JUNE, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, MARATHI, ENGLISH.

VISITED : W. GERMANY, U.S.A., CANADA, U.K., FRANCE, SWITZERLAND, ITALY, AUSTRIA, HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 14, TEACHING - 13.

1933

DR SATISH NARAYAN SHINTRE; (B. AUGUST 27, 1953),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B. CH.E. CHEMICAL ENGINEERING - BOMBAY '75; M.SC. CHEMICAL ENGINEERING - UNIVERSITY OF SALFORD, U.K. '77; PH.D. CHEMICAL ENGINEERING - STATE UNIVERSITY OF NEW YORK, U.S.A. '81.

SPECIALIZATIONS : FLUID MECHANICS; RHEOLOGY; COMPUTER PROGRAMMING; PROCESS MODELLING AND SIMULATION.

EXPERIENCE : SCIENTIST C, N.C.L., 1983-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : DESIGN & DEVELOPMENT; SOFTWARE DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS - 1, DESIGN REGISTRATION - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 10, DESIGN - 7, COMPUTER PROGRAMMING - 16, .

1934

DR V P SHIRALKAR; (B. JUNE 4, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - PUNE '63; M.SC. PHYSICAL CHEMISTRY - PUNE '77; PH.D. PHYSICAL CHEMISTRY - PUNE '81; DIPLOMA IN GERMAN LANGUAGE - PUNE '68.

SPECIALISATIONS : PHYSICAL CHEMISTRY; ZEOLITE CHEMISTRY/CATALYSIS, PHYSICOCHEMICAL CHARACTERIZATION; THERMODYNAMICS OF SORPTION IN ZEOLITES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, N.C.L., 1964-89; (ALSO POST DOCTORAL RESEARCH ASSOCIATE, TEXAS UNIVERSITY, U.S.A., 1986-88); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH; CONSULTANCY; TECHNOLOGY TRANSFER.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, GERMAN.

VISITED : POLAND, U.S.A., U.S.S.R., GERMANY, FRANCE, BELGIUM, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, TECH. REPORTS - 1, PATENTS TAKEN - 21, PATENTS FILED CURRENTLY - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILLISATION - 2.

AWARDS & DISTINCTIONS : ICMA CITATIONS FOR XYLOFINING PROCESS, 1985 AND DEV OF ENCILITE-2 FOR ALBENE, 1989; CSIR TECHNOLOGY AWARD, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 20, CONSULTANCY - 5, TECHNOLOGY TRANSFER - 3.

1935

DR PRABHAT SINGH; (B. NOVEMBER 11, 1936),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PANJAB '59; M.SC. APPLIED MATHEMATICS - SHIVAJI '69; PH.D. PHYSICS - POONA '74.

SPECIALIZATIONS : THIN FILMS; ELECTRON DIFFRACTION AND MICROSCOPY; HIGH TECHNOLOGY CERAMICS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-92; (ALSO ON A TEACHING ASSIGNMENT, KENYA, EAST AFRICA, 1974-75; RESEARCH ASSOCIATE, U.S.A., 1980-82); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : ELECTRO DIFFRACTION AND TRANSMISSION; ELECTRON MICROSCOPY.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : KENYA, U.S.A., JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30, APP. RES. - 10, TECHING - 2.

1936

DR(MRS) H SIVARAMAN; (B. APRIL 22, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '61; M.SC. MICROBIOLOGY - BOMBAY '66; PH.D. MICROBIOLOGY - BOMBAY '80.

SPECIALIZATIONS : MICROBIOLOGY; ENZYMOLOGY; BIOTECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1961-88; SCIENTIST EI, N.C.L. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : ISRAEL, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 13.

1937

DR H S SONI; (B. APRIL 14, 1942),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '65; PH.D. CHEMISTRY - BOMBAY '79.

SPECIALIZATIONS : PROCESS DEVELOPMENT; MATERIALS SCIENCE; SOLAR ENERGY UTILISATION; CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. SCIENTIST A, SCIENTIST B AND SCIENTIST C, 1966-92; SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1992; (ALSO TRAINING IN IMPERIAL COLLEGE, LONDON UNDER UNDP PROGRAMME, 1992).

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, MARATHI, ENGLISH, FRENCH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PATENTS FILED - 1.

AWARDS & DISTINCTIONS : ICICI TECHNOLOGY AWARD, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 18, PRODUCTION - 1, TEACHING - 2.

1938

SHRI S SOUNDARARAJAN; (B. SEPTEMBER 20, 1935),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '56.

SPECIALIZATIONS : PILOT PLANT OPERATION.

EXPERIENCE : S.L.A., AMAR-DYES CHEMICALS LTD., BOMBAY, 1960; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1960-88; SCIENTIST EI, N.C.L. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 1, PROCESSES DEVELOPED - 11. PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, PILOT PLANT - 27.

1939

DR K R SRINIVASAN; (B. OCTOBER 25, 1935),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - POONA '78; PH.D. PHYSICAL CHEMISTRY - POONA '84.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS; CATALYSIS; PILOT PLANT OPERATION; INFORMATION SCIENCE.

EXPERIENCE : SUPERVISOR, HIGH EXPLOSIVE FACTORY, POONA, 1961-62; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1962-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH; DOCUMENTATION AND INFORMATION DISSEMINATION.

LANGUAGES : TAMIL, KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, POPULAR SCIENCE BOOKS - 1, POPULAR SCIENCE ARTICLES - 34, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 21, PILOT PLANT - 18, QUALITY CONTROL - 10, INFORMATION SCIENCE - 6.

1940

DR K V SRINIVASAN; (B. JANUARY 30, 1948),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '68; B.SC.(TECH.) INTERMEDIATES AND DYES - BOMBAY '71; M.SC.(TECH.) INTERMEDIATES AND DYES - BOMBAY '74; PH.D.(TECH.) INTERMEDIATES AND DYES - BOMBAY '83.

SPECIALIZATIONS : INTERMEDIATES AND DYES.

EXPERIENCE : RESEARCH CHEMIST, CHEMIEQUIP PVT. LTD., 1973-74; RESEARCH CHEMIST, AMAR DYE CHEMICAL LTD., BOMBAY, 1974-79; SCIENTIST B AND SCIENTIST C, N.C.L., 1979-89; SCIENTIST EI, N.C.L. SINCE MARCH, 1989.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10.

1941

SHRI P M SURYAVANSHI; (B. AUGUST 20, 1953),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. ELECTRONICS AND TELECOMMUNICATION - POONA '77; DIPLOMA IN BUSINESS MANAGEMENT - POONA '82.

SPECIALIZATIONS : ELECTRONICS AND TELECOMMUNICATION; MAINTENANCE AND DESIGN OF ELECTRONIC EQUIPMENTS.

EXPERIENCE : DESIGN, PRODUCTION AND SALES ENGINEER, M/S ALLIES ELECTRONICS INDUSTRIES, POONA, 1977-79; SCIENTIST B AND SCIENTIST C, N.C.L., 1979-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : MAINTENANCE OF MOST SOPHISTICATED ELECTRONIC INSTRUMENTS LIKE NMR, EPR ATOMIC ABSORPTION SPECTROMETER ETC.

LANGUAGES : MARATHI, HINDI, KANNADA, ENGLISH.

VISITED : SWITZERLAND, GERMANY, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, DESIGN - 15, TECHNICAL DEV. - 15, CONSTRUCTION - 16, OPERATION - 15, TESTING - 15, MAINTENANCE - 15, PRODUCTION - 3, PLANNING - 10, SALES MARKETING - 3.

1942

DR I I SUTAR; (B. MAY 25, 1939),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. BIOCHEMISTRY - POONA '79; PH.D. BIOCHEMISTRY - POONA '87.

SPECIALIZATIONS : MICROBIOLOGICAL TECHNIQUES; BIOCHEMICAL TECHNIQUES; LYOPHILIZATION; PRESERVATION AND MAINTENANCE OF CULTURES; ENZYME TECHNOLOGY; FERMENTATION TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-91; (ALSO VISITED CZECHOSLOVAKIA UNDER EXCHANGE PROGRAMME, 1986); SCIENTIST EI, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D; LACTIC ACID FERMENTATION PROJECT; VIT 'C' FROM GLUCOSE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25, TESTING - 25, MAINTENANCE - 25.

1943

SHRI S A TAMBE; (B. MAY 24, 1938),

TECHNICAL OFFICER (EI), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '61; DIPLOMA IN BUSINESS MANAGEMENT - POST-GRADUATE INSTITUTE OF MANAGEMENT DEVELOPMENT AND RESEARCH, POONA '80.

SPECIALIZATIONS : INDUSTRIAL LIAISON; DOCUMENTATION; PUBLIC RELATIONS; R & D COORDINATION, PLANNING AND EVALUATION; TECHNOLOGY TRANSFER.

EXPERIENCE : SENIOR SHIFT AND QUALITY CONTROL CHEMIST, M/S SARDESAI BROS., BILIMORA, GUJRAT, 1961-64; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1964-89; SCIENTIST EI, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D MANAGEMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : EDITING - 25, DOCUMENTATION - 25, TECHNO- ECO-SURVEY - 10, PLANNING - 25, TECH. TRANSFER - 20, R & D MANAGEMENT - 30, OTHERS - 25.

1944

DR RAVINDRA TEWARI; (B. MARCH 1, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '67; M.SC.- PHYSICS - I.I.T., KANPUR '69; PH.D. PHYSICS - BOMBAY '75.

SPECIALIZATIONS : MOLECULAR BIOPHYSICS; THEORETICAL AND QUANTUM CHEMISTRY; CHEMICAL PHYSICS; NUMERICAL METHODS AND COMPUTER APPLICATIONS; CONFORMATIONAL ANALYSIS & STRUCTURAL PROPERTIES OF NUCLEIC ACID; COMPUTER SIMULATION AND GRAPHICS; CORRELATION ANALYSIS; STATISTICAL MECHANICS OF POLYMERS.

EXPERIENCE : VISITING MEMBER, T.I.F.R., BOMBAY, 1969-75; POST-DOCTORAL RESEARCH, ARGONNE NATIONAL LABORATORY, U.S.A., 1975-78; LECTURER, KUMAUN UNIVERSITY, U.P., 1979; SCIENTIST C, N.C.L., 1979-85; SCIENTIST EI, N.C.L. SINCE JULY, 1985.

PRESENT ACTIVITIES : R & D IN THEORETICAL CHEMISTRY AND THEORETICAL STUDIES ON STRUCTURE AND FUNCTION OF BIOMOLECULES.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.A.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, TEACHING - 1, COMPUTER APPLICATIONS AND SOFTWARE DEVEPMENT - 20.

1945

SHRI V B TUNGIKAR; (B. JANUARY 15, 1949),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '71; M.SC. BIOCHEMISTRY - MARATHWADA '73.

SPECIALIZATIONS : INSECT BIOCHEMISTRY; EVALUATION OF CONTROLLED RELEASE FORMULATIONS; APPLIED ENTOMOLOGY; BIOEVALUATION OF NATURAL PRODUCTS.

EXPERIENCE : J.R.F., S.R.F., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1974- 87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ON NATURAL PRODUCTS & AGROCHEMICALS AND IN ENTOMOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 7, PATENTS TAKEN - 2, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 6, TESTING - 4.

1946

SHRI M B UNDE; (B. FEBRUARY 26, 1937),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '60; A.H.W.C. CHEMICAL ENGINEERING - EDINBURGH, U.K. '64.

SPECIALIZATIONS : COST ENGINEERING; PROJECT EVALUATION; PROCESS DEVELOPMENT; TROUBLESHOOTING.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-86; SCIENTIST EI, N.C.L. SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PILOT PLANT - 13, TEACHING - 9, TECHNO - ECONOMIC SURVEYS - 4.

1947

SHRI I R UNNI; (B. SEPTEMBER 7, 1940),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '60; M.SC. CHEMISTRY - POONA '79.

SPECIALIZATIONS : FINE CHEMICALS; ORGANOMETALLIC CHEMISTRY; PILOT PLANT SCALE-UP.

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EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1965-88; SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, SANSKRIT, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1, PATENTS TAKEN - 3, PATENTS FILED - 1 PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25, TECH. DEV. - 19, PILOT PLANT - 19.

1948

DR A J VARMA; (B. NOVEMBER 17, 1952),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - POONA '73; PH.D. CHEMISTRY - STATE UNIVERSITY OF NEW YORK AND SYRACUSE UNIVERSITY, U.S.A. '79.

SPECIALIZATIONS : POLYMER SYNTHESIS AND CHARACTERIZATION; CARBOHYDRATE CHEMISTRY; INTERACTIONS OF POLYELECTROLYTES; SYNTHETIC ELASTOMERS; THERMOSET RESINS; POLYMER ADDITIVES.

EXPERIENCE : POST-DOCTORAL FELLOW, 1979-80; POOL OFFICER AND SCIENTIST C, N.C.L., 1980-86; SCIENTIST EI, N.C.L. SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : RESEARCH IN POLYMER SCIENCE & ENGINEERING.

LANGUAGES : HINDI, MARATHI, ENGLISH, GERMAN.

VISITED : U.S.A., CANADA, U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 32, ARTICLES - 2, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 10, TEACHING - 2, EDITING - 1.

1949

DR S P VERNEKAR; (B. APRIL 15, 1943),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '64; M.SC. CHEMISTRY - POONA '66; PH.D. CHEMISTRY - POONA '71.

SPECIALIZATIONS : ORGANIC CHEMISTRY; MACROMOLECULAR CHEMISTRY; ADHESIVES AND SEALANTS; SURFACE MODIFICATION OF POLYMERS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., 1969-86; (ALSO TRAINING IN MACROMOLECULAR CHEMISTRY, UNDER UNESCO, CZECHOSLOVAKIA, 1973-74); SCIENTIST EI, N.C.L. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : KONKANI, KANNADA, MARATHI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA, CHINA.

PUBLICATIONS & PATENTS : RES. PAPERS - 43, TECH. REPORTS - 2, PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 4, PROCESSES DEVELOPED - 8, PROCESS UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : DUNLOP AWARD, IRMRA, 1985; ICMA AWARD, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 18, CONSULTANCY - 1.

1950

DR(MRS) R D WAKHARKAR; (B. DECEMBER 26, 1946),

SCIENTIST EI, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '66; M.SC. ORGANIC CHEMISTRY - MARATHWADA '68; CERTIFICATE IN GERMAN LANGUAGE - POONA '70; PH.D. INVESTIGATION OF WOOD PHENOLICS - POONA '74.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; DRUGS AND DRUG INTERMEDIATES.

EXPERIENCE : J.R.F., S.R.F., POOL OFFICER, SCIENTIST B AND SCIENTIST C, N.C.L., 1968-88; (ALSO POST DOCTORAL FELLOWSHIP, WOMAN'S UNIVERSITY, DENTON, U.S.A., 1975-76); SCIENTIST EI, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D ON DRUGS & DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, SCIENTIFIC BOOKS - 2(VOLUMES), PATENTS - 1, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 15.

1951

DR U S AGARWAL; (B. JUNE 15, 1962),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - IIT, BOMBAY '85; M.S. POLYMERS - GEORGIA TECH, U.S.A. '87; PH.D. CHEMICAL ENGINEERING - IIT, BOMBAY '93.

SPECIALISATIONS : POLYMERS; TRANSPORT PHENOMENA.

EXPERIENCE : R & D-CUM-PRODUCTION ENGINEER, INDIAN ORGANIC CHEMICALS LTD, MADRAS, 1987-88; SCIENTIST C, N.C.L. SINCE APRIL, 1992.

PRESENT ACTIVITIES : BASIC RESEARCH ON POLYMERS.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 1.

1952

MISS M S AGASHE; (B. OCTOBER 30, 1945),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '65; M.SC. PHYSICAL CHEMISTRY - POONA '78.

SPECIALIZATIONS : INFRARED SPECTROSCOPY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : CHEMICAL AND SPECTROSCOPIC ANALYSIS AND RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21.

1953

DR D C AGRAWAL; (B. JULY 25, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS) BOTANY - A.M.U. '74; M.SC. BOTANY - A.M.U. '76; D.PHIL. BOTANY - GARHWAL '82.

SPECIALIZATIONS : PLANT TISSUE CULTURE; PLANT PHYSIOLOGY.

EXPERIENCE : S.S.A AND SCIENTIST B, N.C.L., 1982-88; SCIENTIST C, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH ON PLANT TISSUE CULTURE.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, SCIENTIFIC BOOKS - 4 CHAPTERS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP.RES. - 8.

1954

DR N AMARNATH; (B. DECEMBER 10, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - JABALPUR '70; PH.D. CHEMISTRY - PUNE '88.

SPECIALIZATIONS : MACROMOLECULAR CHEMISTRY.

EXPERIENCE : LABORATORY CHEMIST, SWASTIK RUBBER PRODUCTS, POONA, 1972-73; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1973-86; (ALSO RESEARCH IN MACROMOLECULAR CHEMISTRY, CZECHOSLOVAKIA, 1978-79 AND U.S.A., 1985); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, MARATHI, ENGLISH.

VISITED : CZECHOSLOVAKIA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, TECHNICAL DEV. - 2.

1955

DR A A ARBALE; (B. MAY 2, 1958),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - POONA '80; PH.D. ORGANIC CHEMISTRY (SYNTHETIC PYRETHROIDS) - POONA '90.

SPECIALIZATIONS : PESTICIDES; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : LECTURER, BHARTI VIDDAYPETH, POONA, 1980; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1980-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN PESTICIDES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 4, APP. RES. - 4, CONSULTANCY - 1, TEACHING - 1.

1956

DR P A AWASASKAR; (B. FEBRUARY 7, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '66; M.SC. CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '82.

SPECIALIZATIONS : ORGANOMETALLIC COMPOUNDS; CHEMICAL ANALYSIS; CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1966-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 2, PROCESES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP.RES. - 5.

1957

DR P P BAKARE; (B. JULY 11, 1946),

SCIENTIST C, NATIONAL PHYSICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '68; M.SC. CHEMISTRY - POONA '79; PH.D. CHEMISTRY - POONA '86.

SPECIALIZATIONS : MATERIALS SCIENCE; SOLID STATE CHEMISTRY; HARD AND SOFT FERRITES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN MATERIALS SCIENCE; MOSSBAUER SPECTROSCOPY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP.RES. - 11.

1958

SHRI B A BALIGA; (B. JANUARY 26, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '61.

SPECIALIZATIONS : PROCESS DEVELOPMENT; BIOCHEMICAL ENGINEERING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1962-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KONKANI, KANNADA, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATIONS - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3.

1959

DR K B BASTAWDE; (B. MAY 20, 1948),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. BIOCHEMISTRY - POONA '81; PH.D. BIOCHEMISTRY - POONA '87.

SPECIALIZATIONS : FERMENTATION; ENZYMOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1973-89; (ALSO HIGHER RESEARCH, UNDER UNDP, U.S.A., 1985 AND VISITING SCIENTIST, 1987-89); SCIENTIST C, N.C.L. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : RESEARCH ON ENZYMOLOGY AND FERMENTATION.

LANGUAGES : MARATHI, HINDI, KANNADA, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES . - 17.

1960

MR M D BAUSKAR; (B. MARCH 10, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC(HONS). CHEMISTRY - PUNE '64; A.I.C. ARALYTICAL CHEMISTRY - CALCUTTA '73. SPECIALISATIONS: PLANNING; TECHNOLOGY TRANSFER; R & D MANAGEMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1974-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D MANAGEMENT, TECHNOLOGY TRANSFER AND PLANNING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 3, TECHNOLOGY TRANSFER - 10, R & D MANAGEMENT - 17.

1961

MRS A A BELHEKAR; (B. JULY 11, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67; M.SC. PHYSICAL CHEMISTRY - POONA '78.

SPECIALIZATIONS : INFRARED SPECTROSCOPY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : SPECTROSCOPIC ANALYSIS AND RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18.

1962

MRS N V BHALERAO; (B. OCTOBER 31, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '65; M.SC. ORGANIC CHEMISTRY - POONA '81.

SPECIALIZATIONS : ORGANIC CHEMISTRY; INSTRUMENTAL AND ROUTINE ANALYSIS; SYNTHESIS OF LIQUID CYSTALLINE COMPOUNDS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH AND IR OPERATION.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, OPERATION - 21.

1963

SHRI V K BHALERAO; (B. NOVEMBER 17, 1941),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '62; M.SC. ORGANIC CHEMISTRY - POONA '87.

SPECIALIZATIONS : OPERATION AND MAINTENANCE OF ANALYTICAL INSTRUMENTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : OPERATION & MAINTENANCE OF ANALYTICAL INSTRUMENTS.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, OPERATION - 17, TEACHING - 1.

1964

DR V M BHANDARI; (B. JULY 26, 1964),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CHEM. ENGG. - BOMBAY '85; P.G. DIPLOMA BUSINESS MANAGEMENT - MARATHAWADA '86; PH.D. CHEMICAL ENGINEERING - I.I.T., BOMBAY '92.

SPECIALISATIONS : CHEMICAL ENGINEERING OPERATIONS; PROCESS DEVELOPMENT; COMPUTER SIMULATION.

EXPERIENCE : ASSISTANT CHEMICAL ENGINEER, GARWARE PLASTICS & POLYESTERS LTD., 1985-86; PLANT SUPERVISOR, ASIAN PAINTS LTD., APCOTEX DIVN., BOMBAY, 1986-87; SCIENTIST C, N.C.L. SINCE APRIL, 1992.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : MARATHI, ENGLISH, HINDI, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PAPER PRESENTED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, TEACHING - 1, DESIGN - 1, CONSULTANCY - 1, PRODUCTION - 2.

1965

SHRI COMANDUR BHASKAR; (B. MAY 21, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - POONA '81.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : LABORATORY ASSISTANT, NELLORE THERMAL STATION, NELLORE, 1964-65; S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1965-86; (ALSO RESEARCH ON LIQUID CRYSTALLINE POLYMERS, DENMARK, 1982-83); SCIENTIST C, N.C.L. SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : RESEARCH IN CONTROLLED RELEASE TECHNOLOGY.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

VISITED : DENMARK, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS FILED - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP.RES. - 20.

1966

DR(MRS) VIDYA SUDHIR BHAT; (B. MAY 17, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '69; M.SC. CHEMISTRY - SHIVAJI '76; PH.D. CHEMISTRY - POONA '84.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1969-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D ON PEST CONTROL AGENTS FROM NATURAL PRODUCTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, ARTICLES - 4, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP.RES - 5.

1967

DR B M BHAWAL; (B. JUNE 5, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '71; M.SC. ORGANIC CHEMISTRY - MARATHWADA '73; PH.D. ORGANIC CHEMISTRY - MARATHWADA '78.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; HETEROCYCLIC CHEMISTRY; BETA-LACTAM ANTIBIOTICS; AGROCHEMICALS; APPLICATIONS OF ZEOLITES IN ORGANIC SYNTHESES.

EXPERIENCE : LECTURER, S.B. COLLEGE, AURANGABAD, 1977-78; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1978-87; (ALSO POST DOCTORAL RESEARCH, STEVENS INSTITUTE OF TECHNOLOGY, HOBOKEN, NJ, U.S.A., 1982-84); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987; (ALSO POST DOCTORAL FELLOW, SOUTHERN METHODIST UNIVERSITY, DALLAS, TX, U.S.A., 1989-90).

PRESENT ACTIVITIES : R & D IN DRUGS AND DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, PATENTS TAKEN - 5, PATENTS FILED - 4, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 12, TEACHING - 4.

1968

DR SUNIL R BHIDE; (B. FEBRUARY 12, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '69; M.SC. ORGANIC CHEMISTRY - POONA '72; PH.D. CHEMISTRY - POONA '90.

SPECIALIZATIONS : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND GAS CHROMATOGRAPHY; PRODUCT DEVELOPMENT; CHEMICAL EXAMINATION OF POLLUTANTS.

EXPERIENCE : RESEARCH STUDENT, TATA MEMORIAL CENTRE, CANCER RESEARCH INSTITUTE, BOMBAY, 1969-70; RESEARCH FELLOW, FORENSIC SCIENCE LABORATORY, BOMBAY, 1973-74; SCIENTIFIC ASSISTANT, MAHARASHTRA PREVENTION OF WATER POLLUTION BOARD, BOMBAY, 1973-76; SENIOR LABORATORY ASSISTANT, C.I.R.T., PUNE, 1976-77; R & D CHEMIST, ARLABS LTD., BHATGHAR, PUNE, 1977-79; SCIENTIST B, N.C.L., 1983-88; (ALSO ADVANCED TRAINING IN HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND PREPARATIVE LIQUID, U.S.A., 1985); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN HIGH PERFORMANCE LIQUID CHROMATOGRAPHY.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, INDUSTRIAL R&D - 2, TESTING - 1, CHEMICAL EXAMINATION OF POLLUTANTS - 3.

1969

SHRI K R BHINGE; (B. AUGUST 7, 1936),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '57; B.SC. (HONS.) CHEMISTRY - POONA '59; M.SC. PHYSICAL CHEMISTRY - POONA '67.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; PROCESS DEVELOPMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1960-85; SCIENTIST C, N.C.L. SINCE NOVEMBER, 1985.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, PILOT PLANT - 22.

1970

SHRI A M BODHE; (B. JANUARY 29, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC - POONA '68; M.SC. BIOCHEMISTRY - POONA '79.

SPECIALIZATIONS : ENZYMOLOGY - PURIFICATION, CHARACTERISATION AND IMMOBILISATION; BIOSEPARATION METHODS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1969-90; SCIENTIST C, N.C.L. SINCE JUNE, 1990.

PRESENT ACTIVITIES : RESEARCH IN BIOTECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17.

1971

DR H B BORATE; (B. JUNE 1, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '78; M.SC. ORGANIC CHEMISTRY - SHIVAJI '80; PH.D. CHEMISTRY - POONA '86.

SPECIALIZATIONS : ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., AND SCIENTIST B, N.C.L., 1980-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH ON SYNTHESIS OF BIOLOGICALLY ACTIVE COMPOUNDS.

LANGUAGES : MARATHI, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENSTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP.RES - 1.

1972

DR A P BUDHKAR; (B. SEPTEMBER 15, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. INORGANIC CHEMISTRY - POONA '79; PH.D. INORGANIC CHEMISTRY - POONA '89.

SPECIALIZATIONS : SYNTHETIC INORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : SYNTHESIS AND TESTING OF FLUID CRACKING CATALYSTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 11.

1973

DR S CHAKRAPANI; (B. JULY 22, 1955),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '77; M.SC. APPLIED CHEMISTRY - MADRAS '79; PH.D. TEXTILE CHEMISTRY - I.I.T., DELHI '84.

SPECIALISATIONS : TEXTILE CHEMISTRY.

EXPERIENCE : RESEARCH OFFICER, IPCL BARODA, 1985-87; POST DOCTORAL FELLOW AND RESEARCH ASSOCIATE, BELGIUM, 1987-91; SCIENTIST C, N.C.L. SINCE JULY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, FRENCH, ENGLISH.

VISITED : BELGIUM.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9.

1974

DR(MRS) ASHA JEEVAN CHANDWADKAR; (B. OCTOBER 23, 1946),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '68; M.SC. CHEMISTRY - PUNE '70; PH.D. CHEMISTRY - POONA '79.

SPECIALIZATIONS : ZEOLITE SYNTHESIS; ANALYSIS BY CHEMICAL METHODS; ZEOLITE CHARACTERIZATION; CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1972-88; (ALSO ON DEPUTATION FOR HIGHER RESEARCH TO USSR IN 1987 AND TO BELGIUM IN 1988); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : CATALYSIS BY ZEOLITES AND REACTION.

LANGUAGES : HINDI, MARATHI, SANSKRIT, ENGLISH.

VISITED : U.S.S.R., BELGIUM.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, PATENTS TAKEN - 10, PATENTS FILED CURRENTLY - 5, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP RES.- 5, DESIGN - 3, PILOT PLANT - 5, CONSULTANCY - 3, CONSTRUCTION - 5, QUALITY CONTROL - 3, MAINTENANCE - 5, PRODUCTION - 3, PLANNING - 4, EDITING - 2.

1975

SHRI G M CHAPHEKAR; (B. JUNE 25, 1953),

SCIENTIST C. NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - BOMBAY '74; M.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '80.

SPECIALIZATIONS : INORGANIC PROCESS DEVELOPMENT.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B. N.C.L., 1976-86; SCIENTIST C, N.C.L. SINCE JUNE, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10. PILOT PLANT - 10.

1976

MR R S CHAUDHARI; (B. AUGUST 14, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. PHYSICS - PUNE '74; D.M.I.T. - MADRAS '77; M.E. ELECTRONICS ENGINEERING - PUNJAB '86.

SPECIALISATIONS : MICROPROCESSOR-BASED INSTRUMENTATION; DIGITAL ELECTRONICS; PC BASED DATA ACQUISITION SYSTEM AND PROCESS CONTROL INSTRUMENTS.

EXPERIENCE : S.T.A., SCIENTIST B AND SCIENTIST C, C.S.I.O., CHANDIGARH, 1977-88; SCIENTIST C, N.C.L. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : R & D, SERVICE & MAINTENANCE OF INSTRUMENTS.

LANGUAGES : MARATHI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1. TECH. REPORTS - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, MAINTENANCE - 3, DESIGN - 10, TESTING - 10, CONSTRUCTION - 10.

1977

MR S P CHAVAN; (B. JULY 15, 1960),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

1978

DR C A CHINCHWADKAR; (B. MARCH 1, 1935),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '57; B.SC. (HONS.) CHEMISTRY - POONA '59; M.SC. PHYSICAL CHEMISTRY - POONA '60; PH.D. DIELECTRIC CONSTANTS AND DIPOLEMOMENT - POONA '66

SPECIALIZATIONS : MASS SPECTRAL TECHNIQUES; ANALYSIS OF ORGANIC COMPOUNDS BY MASS SPECTROMETER.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-81; SCIENTIST C, N.C.L. SINCE DECEMBER, 1981.

PRESENT ACTIVITIES : OPERATION OF MASS SPECTROMETER INSTRUMENTS & INTERPRETATION OF MASS SPECTRA.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24. OPERATION - 27.

1979

SHRI V S DALAVOY; (B. JANUARY 5, 1945),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - POONA '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1968-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : KANNADA, HINDI, MARATHI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18.

1980

DR(MRS) V B DEODHAR; (B. FEBRUARY 12, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - POONA '67; PH.D. CHEMISTRY - POONA '73.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1973-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13.

1981

DR A R A S DESHMUKH; (B. JANUARY 5, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '73; M.SC. ORGANIC CHEMISTRY - POONA '75; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; AGROCHEMICALS; HETEROCYCLIC CHEMISTRY; PROCESS DEVELOPMENT; DRUGS AND DRUG INTERMEDIATES.

EXPERIENCE : CHEMIST, SUDERSHAN CHEMICALS LTD., PUNE, 1975-76; S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1976-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN AGROCHEMICALS.

LANGUAGES : HINDI, MARATHI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PATENTS TAKEN - 6, PATENTS FILED - 2, PROCESSES DEVELOPMENT - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14.

1982

MRS KALA K DESHMUKH; (B. AUGUST 4, 1937),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '59; M.SC. CHEMISTRY - POONA '78.

SPECIALIZATIONS : COORDINATION CHEMISTRY; PREPARATIVE INORGANIC CHEMISTRY; ANALYTICAL INORGANIC CHEMISTRY.

EXPERIENCE : J.S.A. AND S.A., B.A.R.C., BOMBAY, 1960-65; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 27.

1983

DR M V DESHPANDE; (B. SEPTEMBER 12, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '73; M.SC. MICROBIOLOGY - POONA '75; PH.D. CHEMISTRY - POONA '82; DIPLOMA IN GERMAN LANGUAGE - POONA '82.

SPECIALIZATIONS : ENZYMOLOGY; FERMENTATION; MUTATION; DEVELOPMENTAL BIOLOGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1976-88; (ALSO ATTENDED UNIDO TRAINING PROGRAMMES, SWEDEN, 1983 AND U.S.A., OCT.83-JAN-84); SCIENTIST C, N.C.L. SINCE MARCH, 1988; (ALSO ATTENDED TECHNICAL COOPERATION TRAINING (TCT) PROGRAMME OF BRITISH COUNCIL, FEB.-JULY, 1989 AT CAMBRIDGE, U.K.).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : SWEDEN, U.S.A., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, ARTICLES - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 18, APP.RES. - 18, TEACHING - 6.

1984

DR S B DESHPANDE; (B. APRIL 1, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE

QUALIFICATIONS : B.SC. - SHIVAJI '70; M.SC. CHEMISTRY - SHIVAJI '79; PH.D. CHEMISTRY - SHIVAJI '88.

SPECIALIZATIONS : FERROELECTRIC CERAMICS.

EXPERIENCE : ASSISTANT TEACHER, S.S.M. HIGH SCHOOL, SHIVGANAPUR AND Y.C. HIGH SCHOOL, PHALAVANI, MAHARASHTRA, 1970-72; S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1972-89; SCIENTIST C, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 21, TEACHING - 2.

1985

MRS SUNITA R DESHPANDE; (B. FEBRUARY 12, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. ORGANIC CHEMISTRY - POONA '74.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1978-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN AGROCHEMICALS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP.RES - 3.

1986

SHRI K N DIXIT; (B. JUNE 5, 1936),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '58; M.SC. ORGANIC CHEMISTRY - KARNATAK '62.

SPECIALIZATIONS : PROJECT DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1962-82; SCIENTIST C, N.C.L. SINCE MAY, 1982.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, PILOT PLANT - 10, TECHNOLOGY TRANSFER - 1.

1987

DR C S DORAI; (B. APRIL 16, 1938),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - SRI VENKATESWARA; M.SC. ANALYTICAL CHEMISTRY - SRI VENKATESWARA '60; PH.D. ORGANOFLUORINE CHEMISTRY - SRI VENKATESWARA '75.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; ORGANOFLUORINE CHEMISTRY; FERTILIZERS.

EXPERIENCE : DEMONSTRATOR AND LECTURER, S.V. UNIVERSITY, TIRUPATI, 1960-63; CHEMIST, BRIGHT CHEMICALS, HYDERABAD, 1963-64; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1964-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH; CHEMICAL ANALYSIS; CONSULTANCY TO FIRMS AND SUPERVISING THE INORGANIC ANALYTIC GROUP.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 6, QUALITY CONTROL - 7, TEACHING - 3.

1988

DR M J EAPEN; (B. SEPTEMBER 11, 1941),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '65; M.SC. CHEMISTRY - POONA '80; PH.D. CHEMISTRY - POONA '88.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY AND CATALYSIS.

EXPERIENCE : TECHNICIAN, S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1966-92; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : ANALYTICAL WORK & SYNTHESIS OF ZEOLITES.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PATENTS TAKEN - 8, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : ICICI TECHNOLOGY AWARD, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES. - 11, TESTING - 12, PRODN. - 3.

1989

DR BIJAN KUMAR GHOSH; (B. DECEMBER 15, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '71; M.SC. BIOCHEMISTRY - CALCUTTA '73; PH.D. BIOCHEMISTRY - CALCUTTA '81.

SPECIALIZATIONS : APPLIED MICROBIOLOGY; ENZYMOLOGY; FERMENTATION TECHNOLOGY; MICROBIAL METABOLISM.

EXPERIENCE : J.R.F. AND S.R.F., JADAVPUR UNIVERSITY, 1975-79; S.S.A. AND SCEINTIST B, N.C.L., 1980-85; SCIENTIST C, N.C.L. SINCE DECEMBER, 1985; (ALSO RESEARCH ASSOCIATE, MICHIGAN STATE UNIVERSITY, 1985-87).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 11.

1990

SHRI D A GODBOLE; (B. SEPTEMBER 9, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '68; M.SC. BIOCHEMISTRY - POONA '81.

SPECIALIZATIONS : PROTOPLAST TECHNOLOGY; PLANT TISSUE CULTURE; ENZYME CHEMISTRY.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-89; SCIENTIST C, N.C.L. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN PROTOPLAST TECHNOLOGY AND PLANT TISSUE CULTURE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP.RES. - 15.

1991

DR D V GOKHALE; (B. SEPTEMBER 20, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '72; M.SC. BIOCHEMISTRY - POONA '81; PH.D. BIOCHEMISTRY - POONA '89.

SPECIALIZATIONS : ISOLATION AND PRESERVATION OF MICROBIAL CULTURES; BACTERIAL AND FUNGAL PROTOPLAST FUSION; ETHANOLIC FERMENTATION; MUTANTS ISOLATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1973-89; (ALSO TRAINING IN FUNGAL PROTOPLAST FUSION AND GENETIC ANALYSIS, UNDER U.N.D.P., U.K., 1985 AND 1990); SCIENTIST C, N.C.L. SINCE JULY, 1989.

PRESENT ACTIVITIES : RESEARCH IN BIOTECHNOLOGY.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP.RES. - 7, MAINTENANCE - 17.

1992

DR G S GROVER; (B. JULY 13, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DELHI '72; M.SC. CHEMISTRY - DELHI '74; PH.D. CHEMISTRY - POONA '84; M.SC. CHEMICAL ENGINEERING - SALFORD UNIVERSITY, U.K. '87.

SPECIALIZATIONS : HOMOGENEOUS CATALYSIS AND CATALYTIC REACTION ENGINEERING; PROCESS DEVELOPMENT; HEAT PUMPS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1976-87; (ALSO TRAINING IN HEAT PUMPS AND HIGHER STUDIES, U.K., 1986-87); SCEINTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN CATALYSIS AND HEAT PUMPS.

LANGUAGES : PUNJABI, HINDI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 8, PILOT PLANT - 4, CONSULTANCY - 1.

1993

DR S P GUPTA; (B. FEBRUARY 20, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '74; M.SC. CHEMISTRY - POONA '81; PH.D. CHEMISTRY - POONA '90.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; PROCESS DEVELOPMENT; CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1974-89; (ALSO TRAINING IN ADVANCED TECHNIQUES IN CATALYSIS, WEST & EAST GERMANY, 1989 AND 1992 RESPECTIVELY); SCIENTIST C, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS AND CHEMICAL REACTION ENGINEERING.

LANGUAGES : MARATHI, HINDI, GUJARATI, ENGLISH.

VISITED : W. GERMANY, E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 8, PILOT PLANT - 4, CONSULTANCY - 2.

1994

DR VIJAY KUMAR GURURAJ HABBU; (B. JANUARY 17, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BOMBAY '78; B.SC. (TECH) TEXTILE CHEMISTRY - BOMBAY '81; M.SC (TECH) TEXTILE CHEMISTRY - BOMBAY '84; PH.D. POLYMER FIBRES - LEEDS, U.K. '88.

SPECIALISATIONS : POLYMER SCIENCE; TEXTILE CHEMISTRY; FIBER SCIENCE; COLORATION SCIENCE.

EXPERIENCE : TRAINEE, SWAN MILLS SEWRE, BOMBAY, 1980; TECHNICAL OFFICER, S.G. CHEMICALS & DYES, BOMBAY, 1984; POOL OFFICER, DEPT. OF CHEMICAL TECH., BOMBAY UNIVERSITY, 1988-89; POST DOCTORAL RESEARCH ASSOCIATE, UNIVERSITY OF ILLINOIS, U.S.A., 1989-90; SCIENTIST C, N.C.L. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, BENGALI, GUJARATI, KANNADA, ENGLISH.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 2, ARTICLES - 1.

AWARDS & DISTINCTIONS : CHARTERED COLORIST, SOCIETY OF DYERS AND COLORS.

PROFESSIONAL EXPERIENCE : BASIC RES. - 8, APP. RES. - 2, QUALITY CONTROL - 1, TEACHING - 2.

1995

DR D S HEBBALKAR; (B. DECEMBER 18, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '71; M.SC. ZOOLOGY - SHIVAJI '73; PH.D. ZOOLOGY (ENTOMOLOGY) - SHIVAJI '86.

SPECIALIZATIONS : PEST CONTROL; JUVENILE HORMONE EFFECTS, INSECT BEHAVIOR, PHEROMONE AND REPRODUCTION.

EXPERIENCE : DEMONSTRATOR, JAYASINGPUR COLLEGE AND D.A.V. COLLEGE, 1973-74; POOL OFFICER (CSIR), SHIVAJI UNIVERSITY, 1973-74; S.L.A., S.S.A. AND SCIENTIST B, N.C.L., 1974-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : DEVLOPMENT OF PEST CONTROL AGENTS, INSECT ATTRACTANTS, REPELLENTS, TERMITE CONTROL, EFFECT OF INSECTICIDES ON BEHAVIOUR.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, TEACHING - 1.

1996

DR S G HEGDE; (B. JUNE 27, 1945),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '67; M.SC. CHEMISTRY - KARNATAK '69; PH.D. PHYSICAL CHEMISTRY - POONA '83.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ZEOLITE CATALYSTS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1970-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ZEOLITE CATALYSTS DEVELOPMENT.

LANGUAGES : KANNADA, HINDI, MARATHI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 5, PATENTS FILED - 3, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : ICMA AWARD FOR DEVELOPMENT OF XYLOFINING CATALYSTS, 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 16, CONSULTANCY - 3.

1997

SHRI S IYER; (B. MARCH 31, 1958),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC - POONA '77; M.SC. CHEMISTRY - POONA '79; PH.D. CHEMISTRY - EMORY UNIVERSITY, U.S.A. '86.

EXPERIENCE : J.S.A., ERDL, 1979-80; RESEARCH ASSTT., CIBA-GEIGY RES CENTRE, 1980-81; POOL OFFICER, N.C.L., 1988-90; SCIENTIST M-4, P.I.L., 1990-91; SCIENTIST C, N.C.L. SINCE JUNE, 1991.

PRESENT ACTIVITIES : RESEARCH.

VISITED : U.S.A.

1998

DR R JAGANATHAN; (B. JUNE 15, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '70; A.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '78; M.SC. CHEMISTRY - POONA '81; M.SC. CHEMICAL ENGINEERING - UNIVERSITY OF SALFORD, U.K. '86; PH.D. CHEMISTRY - POONA.

SPECIALIZATIONS : REACTION ENGINEERING; PROCESS DESIGN AND DEVELOPMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1972-87; (ALSO HIGHER TRAINING IN HEAT RECOVERY AND RECYCLING, U.K., 1985-86); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : TAMIL, HINDI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES UNDER UTILISATION - 4, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP.RES. - 7, DESIGN - 2, PILOT PLANT - 10, CONSULTANCY - 2, TECHNOLOGY TRANSFER - 1, COMPUTER PROCESSING - 4.

1999

MR M M JANA; (B. MARCH 11, 1952),

TECHNICAL OFFICER (C), NATIONAL CHEMICAL LABORATORY. PUNE.

2000

DR V K JAYARAMAN; (B. APRIL 6, 1949),

SCIENTIST C. NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '70; M.TECH. CHEMICAL ENGINEERING - MADRAS '75; PH.D. CHEMISTRY - POONA '83.

SPECIALIZATIONS : CATALYTIC REACTION ENGINEERING; COMPUTER SIMULATION AND OPTIMIZATION; NUMERICAL METHODS IN CHEMICAL ENGINEERING; BIOCHEMICAL ENGINEERING.

EXPERIENCE : CHEMICAL ENGINEER, S.P.B. LTD., ERODE, TAMIL NADU, 1971-73; S.S.A. AND SCIENTIST B, N.C.L., 1976-86; (ALSO POST-DOCTORAL RESEARCH, U.S.A., 1984-85); SCIENTIST C. N.C.L. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : COMPUTER SIMULATION IN CATALYTIC ENGINEERING AND BIOCHEMICAL ENGINEERING.

LANGUAGES : TAMIL. HINDI, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP.RES. -7, PILOT PLANT - 3 , TEACHING - 1.

2001

DR(MRS) JYOTI PRAKASH JOG; (B. NOVEMBER 9, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '74; M.SC. PHYSICS - POONA '76; PH.D. PHYSICS - POONA '82.

SPECIALIZATIONS : POLYMER CRYSTALLIZATION; POLYMER BLENDS; SOLID STATE PROCESSING.

EXPERIENCE : S.S.A. AND SCIENTIST B. N.C.L., 1982-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN POLYMER PHYSICS.

LANGUAGES : HINDI, MARATHI, ENGLISH.

VISITED : U.S.A., GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 40. TECH. REPORTS - 4, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 8, TECHNICAL DEV. - 5, CONSULTANCY - 8, OPERATION - 11, TESTING - 11, QUALITY CONTROL - 8.

2002

SHRI V V JOGDAND; (B. APRIL 1, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '73; M.SC. PHYSICAL CHEMISTRY - MARATHWADA '75.

SPECIALIZATIONS : FERMENTATION TECHNIQUES.

EXPERIENCE : J.S.A., I.I.T.M., POONA, 1976-78; J.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1978-87; (ALSO TRAINING IN BIOCHEMICAL ENGINEERING) SCIENTIST C, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D IN BIOENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : SWITZERLAND, CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8.

2003

DR N N JOSHI; (B. APRIL 1, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '74; M.SC. ORGANIC CHEMISTRY - BOMBAY '77; PH.D. ORGANIC CHEMISTRY - BOMBAY '83.

SPECIALISATIONS : ORGANOMETALLIC CHEMISTRY; GENERAL SYNTHETIC CHEMISTRY; ASYMMETRIC SYNTHESIS.

EXPERIENCE : RESEARCH ASSOCIATE, BARC, BOMBAY, 1983-84; RESEARCH FELLOW, UNIV. OF HANNOVER, GERMANY, 1984-85; RESEARCH ASSOCIATE. PURDUE UNIVERSITY, 1985-91; SCIENITIST C, N.C.L. SINCE AUGUST, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, MARATHI, ENGLISH, GERMAN.

VISITED : GERMANY, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, ARTICLES - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2004

DR P L JOSHI; (B. FEBRUARY 13, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. ORGANIC CHEMISTRY - POONA '74; PH.D. CHEMISTRY - POONA '85; A.M.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '82.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1974-90; SCIENTIST C. N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN SYNTHETIC ORGANIC CHEMISTRY.

LANGUAGES : HINDI, MARATHI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11.

2005

DR R A JOSHI; (B. JULY 31, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '71; M.SC. ORGANIC CHEMISTRY - SHIVAJI '73; PH.D. SYNTHETIC ORGANIC CHEMISTRY - SHIVAJI '80.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., N.C.L., 1973-80; P.D.F., UNIVERSITY OF GLASGOW, U.K., 1980-81; POOL OFFICER AND SCIENTIST B, N.C.L., 1982-89; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH ON DRUGS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 4.

2006

DR S G JOSHI; (B. OCTOBER 11, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '63; DIPLOMA IN TECHNOLOGY OF PAINTS & VARNISHES - MAHARASHTRA BOARD OF TECHNICAL EDUCATION '64; M.SC. CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '83.

SPECIALIZATIONS : SPECTROSCOPY; TOPOLOGY (MATHEMATICS); CHEMICAL ENGINEERING; ELECTROCHEMISTRY (CORROSION).

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1964-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN POLYMER SCIENCE AND TECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 21.

2007

DR SWATI P JOSHI; (B. MARCH 23, 1955),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '75; M.SC. ORGANIC CHEMISTRY - SHIVAJI '77; PH.D. ORGANIC CHEMISTRY - PUNE '87.

SPECIALISATIONS : ORGANIC CHEMISTRY; NATURAL PRODUCTS CHEMISTRY; BIOLOGICALLY ACTIVE NATURAL PRODUCTS; BOTANICAL PEST CONTROL AGENTS.

EXPERIENCE : S.L.A., S.S.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1979-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : NATURAL PRODUCTS CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 15, TECHNICAL REPORTS - 1, PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 10.

2008

DR U R KALKOTE; (B. MARCH 14, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '71; M.SC. CHEMISTRY - MARATHWADA '73; PH.D. CHEMISTRY - MARATHWADA '78.

SPECIALIZATIONS : PROCESS DEVELOPMENT; BIOTRANSFORMATION.

EXPERIENCE : S.S.A. AND SCIENTIST B, N.C.L., 1979-86; SCIENTIST C, N.C.L. SINCE DECEMBER, 1986; (ALSO POST DOCTORAL RESEARCH IN GERMANY, 1988-89).

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; CATALYSIS & BIOTRANSFORMATION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : GERMANY, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, PATENTS - 5, PROCESSES DEVELOPED - 6, PROCESS UNDER UTILISATION - 3, PATENTS FILED CURRENTLY - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 15.

2009

DR (MRS) K R KAMBLE; (B. AUGUST 13, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '72; M.SC. INORGANIC CHEMISTRY - SHIVAJI '74; PH.D. CHEMISTRY '90.

SPECIALIZATIONS : INORGANIC CHEMICAL ANALYSIS; CATALYSIS; SYNTHESIS OF ALUMINOPHOSPHATES; MOLECULAR SIEVES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1974-92; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : MARATHI, HINDI, KANNADA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 11.

2010

SHRI R S KARNIK; (B. FEBRUARY 14, 1937),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '58; B.SC. CHEMISTRY - POONA '62; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS (INDIA) '73.

SPECIALIZATIONS : PILOT PLANT SCALE-UP.

EXPERIENCE : LAB. ASSISTANT AND DEMONSTRATOR, G.K.G. COLLEGE, KOLHAPUR (MAH.), 1958-64; PLANT OPERATOR, K.S.MILLS, KOLHAPUR (MAH.), 1964-66; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1966-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D; PILOT PLANT SCALE-UP.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 17, PRODN. - 2, TEACHING - 6.

2011

SHRI C V KAVEDIA; (B. JUNE 14, 1940),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '62; M.SC. CHEMISTRY - POONA '78.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; CATALYSIS AND CATALYTIC REACTION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-85; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : CATALYSIS.

LANGUAGES : HINDI, MARATHI, GUJARATI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, PILOT PLANT - 1, OPERATION - 4, TESTING - 4.

2012

MRS S V KENDURKAR; (B. OCTOBER 6, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - VIKRAM '76; M.SC. BIOCHEMISTRY - INDORE '78.

SPECIALIZATIONS : PLANT TISSUE CULTURE; BIOCHEMISTRY.

EXPERIENCE : CHEMIST, J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1978-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : HINDI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, SCIENTIFIC BOOKS - 2 CHAPTERS, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 10, PILOT PLANT - 2, TEACHING - 1, TECH. TRANSFER - 1.

2013

MRS S S KESKAR; (B. AUGUST 7, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. BIOCHEMISTRY - POONA '81.

SPECIALIZATIONS : BIOTECHNOLOGY; ENZYMOLOGY; FERMENTATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1973-90; SCIENTIST C, N.C.L. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : RESEARCH IN ENZYMOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13.

2014

SHRI H P KHADILKAR; (B. OCTOBER 31, 1935),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '57; DIPLOMA IN OIL TECHNOLOGY - DEPARTMENT OF TECHNICAL EDUCATION, BOMBAY '58.

SPECIALIZATIONS : PILOT PLANT SCALE-UP.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1962-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 2, PILOT PLANT OPERATION - 23.

2015

DR M I KHAN; (B. DECEMBER 24, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - A.M.U. '76; M.SC. BIOCHEMISTRY - A.M.U. '78; M.PHIL. BIOCHEMISTRY - A.M.U. '81; PH.D. BIOCHEMISTRY - A.M.U. '86.

SPECIALIZATIONS : BIOCHEMISTRY.

EXPERIENCES : J.R.F., IICB, CALCUTTA, 1979-81; S.R.F. AND PROJECT ASSISTANT, I.I.SC., BANGLORE, 1981-87; POST DOCTORAL FELLOW, A.E.COLLEGE, NEW YORK, U.S.A., 1987-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, URDU, BENGALI, ENGLISH.

VISITED : U.S.A.

PUBLIICATIONS & PATENTS : RES. PAPERS - 26.

AWARDS & DISTINCTIONS : INSA YOUNG SCIENTIST AWARD, 1987; CSIR YOUNG SCIENTIST AWARD, 1992.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APP. RES. - 14.

2016

DR J M KHIRE; (B. FEBRUARY 16, 1955),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. MICROBIOLOGY - POONA '75; M.SC. MICROBIOLOGY - POONA '78; PH.D. BIOCHEMISTRY - POONA '87.

SPECIALIZATIONS : MICROBIAL CULTURES; MICROBIAL ENZYMES; BIOCHEMISTRY.

EXPERIENCE : MICROBIOLOGIST, K.E.M. HOSPITAL, PUNE, 1978-81; J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1981-91; (ALSO POST DOCTORAL RESEARCH FELLOW, U.S.A., 1988-90); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 3.

AWARDS & DISTINCTIONS : BEST POSTER PAPER PRESENTATION, S B C, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12.

2017

DR(MS) R S KHISTI; (B. OCTOBER 15, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - SHIVAJI '67; M.SC. ORGANIC CHEMISTRY - SHIVAJI '79; PH.D. POLYMER CHEMISTRY - SHIVAJI '84.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, DAYANAND COLLEGE, SHOLAPUR, 1967-68; ANALYTICAL CHEMIST, BLOOD BANK, SHOLAPUR, 1968-69; S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1971-89; SCIENTIST C, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2, PATENTS (IN INDIA) - 2, PATENTS (IN U.S.) - 2.

AWARDS & DISTINCTIONS : CSIR COMMENDATION CERTIFICATE FOR TWO US PATENTS, 1992-93; NCL RESEARCH FOUNDATION AWARD FOR US PATENTS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 7.

2018

SHRI NAND KISHORE; (B. FEBRUARY 10, 1946),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNJAB '65; B.SC. CHEMICAL ENGINEERING - KANPUR '69; M.SC. CHEMICAL ENGINEERING - KANPUR '71.

SPECIALIZATIONS : CHEMICAL ENGINEERING DESIGN.

EXPERIENCE : CHEMIST, RAJINDRA ROSIN & TURPENTINE INDUSTRIES, 1971-75; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1975-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 4.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF PROCESS ON ETHION, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12.

2019

DR SURESH NILKANTH KSHIRSAGAR; (B. NOVEMBER 6, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '61; PH.D. CHEMISTRY - BOMBAY '70; POST GRADUATE DIPLOMA CHEMICAL ENGG. - POONA '82.

SPECIALIZATIONS : POLYMER CHEMISTRY; SYNTHESIS AND CHARACTERIZATION OF POLYMERS.

EXPERIENCE : S.L.A. AND S.S.A., N.C.L., 1962-69; SCIENTIST B, VIKRAM SARABHAI SPACE CENTRE, TRIVANDRUM, 1970-74; FACTORY MANAGER, SWAN RUBBER CHEMICALS (P) LTD., 1975-79; SCIENTIST B, N.C.L., 1979-85; SCIENTIST C, N.C.L. SINCE DECEMBER, 1985.

PRESENT ACTIVITIES : R & D AND TECHNOLOGY TRANSFER.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 4, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 6, PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 15, QUALITY CONTROL - 4, PRODUCTION - 4, IND. MANAGEMENT - 4, SALES MARKETING - 4, ADMN. - 4, TECHNOLOGY TRANSFER - 4.

2020

DR D K KULKARNI; (B. JUNE 1, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '73; M.SC. BOTANY - SHIVAJI '75; PH.D. BOTANY - SHIVAJI '80.

SPECIALIZATIONS : PLANT TISSUE CULTURE; MYCOLOGY AND PLANT PATHOLOGY; AEROBIOLOGY.

EXPERIENCE : SCIENTIST B, N.C.L., 1983-90; SCIENTIST C, N.C.L. SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH ON PLANT TISSUE CULTURE WITH REGARD TO FORESTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 4, APP. RES. - 5, TEACHING - 1.

2021

DR RAJENDRA ANANT KULKARNI; (B. FEBRUARY 5, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '69; M.SC. CHEMISTRY - KARNATAK '71; PH.D. POLYMER CHEMISTRY - POONA '82.

SPECIALIZATIONS : SOLUTION BEHAVIOUR OF POLYMERS; ANALYTICAL CHARACTERIZATION OF POLYMERS; SYNTHESIS OF WATER SOLUBLE POLYMERS; POLYMER-SURFACTANT INTERACTIONS.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1972-86; SCIENTIST C, N.C.L. SINCE APRIL, 1986.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, PROCESSES DEVELOPED - 4, PROCESS UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD, 1979; ICMA AWARD, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 10, CONSULTANCY - 2, R & D MANAGEMENT - 5, COMPUTER PROCESSING - 3.

2022

DR(MRS) SHAILAJA DILIP KULKARNI; (B. NOVEMBER 18, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '78; M.SC. PHYSICAL CHEMISTRY - POONA `80; PH.D. SOLID STATE CHEMISTRY - POONA '91.

SPECIALIZATIONS : SOLID STATE CHEMISTRY; MATERIALS SCIENCE; MAGNETIC MATERIALS/ FERRITES.

EXPERIENCE : SENIOR LECTURER, FERGUSSON COLLEGE, PUNE, 1980; S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1980-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN MAGNETIC MATERIALS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13.

2023

DR ANIL KUMAR; (B. DECEMBER 31, 1955),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - AGRA '75; M.SC. PHYSICAL CHEMISTRY - ROHILKHAND '77; PH.D CHEMISTRY - PUNE '81.

SPECIALISATIONS : THERMODYNAMICS; SUGAR PROCESSING.

EXPERIENCE : LECTURER, S.J. COLLEGE, NAJIBABAD, U.P., 1977; J.R.F. AND S.R.F. N.C.L., 1978-81; VISITING RESEARCH ASSOCIATE, UNIV. OF OKLAHOMA, NORMAN, U.S.A., 1981-83; POOL OFFICER, N.I.O., GOA AND N.C.L., PUNE, 1983-85; ALEXANDER VON HUM BOLDT FELLOW, GERMANY, 1985-86; LECTURER, DECCAN SUGAR INST. PUNE, 1987-90; SCIENTIST C, N.C.L. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : HINDI, MARATHI, ENGLISH, GERMAN.

VISITED : U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 51, SCIENTIFIC BOOKS - 2 CHAPTERS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, TEACHING - 3, APP. RES. - 3, CONSULTANCY - 3.

2024

DR PRADEEP KUMAR; (B. JULY 20, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - GORAKHPUR '75; M.SC. ORGANIC CHEMISTRY - GORAKHPUR '77; PH.D. SYNTHETIC ORGANIC CHEMISTRY - B.H.U. '81.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST C, N.C.L. SINCE JUNE, 1988.

PRESENT ACTIVITIES : RESEARCH ON PROCESS DEVELOPMENT FOR ANTIBIOTIC DRUGS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6.

2025

DR RAJIV KUMAR; (B. JULY 20, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - KANPUR '73; M.SC. CHEMISTRY - AGRA '75; PH.D. COORDINATION CHEMISTRY - AGRA '79.

SPECIALISATIONS : ZEOLITES; CATALYSIS (HETEROGENEOUS); ORGANIC SYNTHESIS BY CATALYSIS.

EXPERIENCE : LECTURER, BAREILLY COLLEGE, BAREILLY, U.P., 1977-79; SCIENTIST A AND SCIENTIST B, N.C.L., 1981-87; (ALSO VISITED GERMANY UNDER DAAD FELLOWSHIP, 1985-87); SCIENTIST C, N.C.L. SINCE MAY, 1987; (ALSO STUDY TOUR TO BELGIUM, GERMANY AND HOLLAND UNDER UNDP PROGRAMME, 1989 AND TO GERMANY UNDER ALEXANDER HUMBOLDT FELLOWSHIP, 1991-92).

PRESENT ACTIVITIES : ZEOLITES.

LANGUAGES : HINDI, MARATHI, ENGLISH, GERMAN.

VISITED : GERMANY, BELGIUM, HOLLAND, HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 65, ARTICLES - 2, PATENTS TAKEN - 18, PATENTS FILED CURRENTLY - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 10.

2026

MR V A KUMAR; (B. MAY 9, 1958),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

2027

DR V RAVI KUMAR; (B. SEPTEMBER 26, 1956),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BANGALORE '76; M.SC. CHEMISTRY - BANGALORE '78; PH.D. CHEMISTRY - PUNE '83.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; COMPUTER PROGRAMMING; MATHEMATICAL MODELLING; CATALYSIS; NONLINEAR SCIENCE; PROCESS CONTROL.

EXPERIENCE : POST-DOCTORAL RESEARCH, TEXAS A & M UNIVERSITY, U.S.A., 1984-86; SCIENTIST C, N.C.L. SINCE MARCH, 1987.

PRESENT ACTIVITIES : CHEMICAL REACTION ENGINEERING; MATHEMATICAL MODELLING AND COMPUTER SIMULATION; NONLINEAR SCIENCE; PROCESS CONTROL.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 27.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 7.

2028

SHRI P P LOHOKARE; (B. SEPTEMBER 8, 1938),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '60; M.SC. MATHEMATICS - POONA '63; A.M.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTION OF CHEMICAL ENGINEERS, INDIA '76.

SPECIALIZATIONS : INFORMATION DISSEMINATION; INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER; PROJECT FEASIBILITY AND ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1962-85; SCIENTIST C, N.C.L. SINCE JUNE, 1985.

PRESENT ACTIVITIES : R & D MANAGEMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : R & D MANAGEMENT - 20, PRODUCTION - 6, TECHNO-ECONOMIC SURVEYS - 20, PLANNING - 20, TECHNOLOGY TRANSFER - 20, EDITING - 20, DOCUMENTATION - 20.

2029

DR R B MALWANKER; (B. MARCH 29, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. CHEMISTRY - POONA '79; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : ELEMENTAL AND FUNCTIONAL GROUP MICROANALYSIS; SPECTROPHOTOMETRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D; MICROANALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP.RES. - 23.

2030

MRS S MAYADEVI; (B. JANUARY 22, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(ENGG) CHEMICAL ENGINEERING - CALICUT '79; M.TECH. CHEMICAL ENGINEERING - I.I.T, MADRAS '81.

SPECIALIZATIONS : CATALYTIC REACTION ENGINEERING; COMPUTER PROGRAMMING; HETEROGENEOUS CATALYSIS; ADSORPTION AND DIFFUSION; GAS CHROMATOGRAPHY.

EXPERIENCE : SCIENTIST B, N.C.L., 1983-88; SCIENTIST C, N.C.L. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 7.

2031

MRS SHAILAJA P MAYBHATE; (B. JANUARY 1, 1956),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - MARATHWADA '74; M.SC. ORGANIC CHEMISTRY - MARATHWADA '76.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1976-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN DRUGS & DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP.RES. - 4, OPERATION - 6.

2032

SHRI D C MEHTA; (B. FEBRUARY 6, 1940),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - GUJARAT '61; M.SC. ORGANIC CHEMISTRY - GUJARAT '63.

SPECIALIZATIONS : FINE CHEMICALS PRODUCTION; PROCESS DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-80; SCIENTIST C, N.C.L. SINCE MAY, 1980.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 10, PRODUCTION - 17.

2033

MRS URMIL JAGDISH MEHTA; (B. APRIL 29, 1956),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '75; M.SC. BOTANY - POONA '77.

SPECIALIZATIONS : PLANT TISSUE CULTURE.

EXPERIENCE : TEACHER AND P.G. TEACHER IN DIFFERENT SCHOOLS, 1977-78; S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1978-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE.

LANGUAGES : PUNJABI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PROCESSES DEVELOPED - 8, TECH. REPORTS - 2, CHAPTERS IN BOOK - 1, PROCESS UNDER UTILIZATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, CONSULTANCY - 1, TEACHING - 1.

2034

DR(MRS) ANJANA MITRA; (B. JUNE 3, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) PHYSICS - PATNA '67; M.SC. PHYSICS - PATNA '70; PH.D. PHYSICS - POONA '75.

SPECIALIZATIONS : THIN FILM PHYSICS; ELECTRON MICROSCOPY; SOLAR ENERGY CONVERSION.

EXPERIENCE : P.D.F., POOL OFFICER, J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1975-87; SCIENTIST C, N.C.L. SINCE MAY, 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTRON MICROSCOPY AND MATERIALS SCIENCE.

LANGUAGES : BENGALI, HINDI, MARATHI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 9, OPERATION - 6.

2035

SHRI R A MODAK; (B. MARCH 28, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; DIPLOMA IN ELECTRONICS AND RADIO ENGINEERING - MAHARASHTRA '65.

SPECIALIZATIONS : INSTRUMENTATION.

EXPERIENCE : INST. TECHNICIAN, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-87; SCIENTIST C, N.C.L. SINCE MAY, 1987.

PRESENT ACTIVITIES : MAINTENANCE AND INSTRUMENTATION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 21, R & D - 15.

2036

DR T P MOHANDAS; (B. DECEMBER 10, 1948),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '69; M.SC. CHEMISTRY - CALICUT '71; PH.D. ORGANIC CHEMISTRY - POONA '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY; APPLICATION OF NMR SPECTROSCOPY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1972-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 15, TEACHING - 1.

2037

SHRI S N MUKHERJEE; (B. JANUARY 19, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) ZOOLOGY - CALCUTTA '72; M.SC. ZOOLOGY(ENTOMOLOGY) - VISVA BHARATI '74.

SPECIALIZATIONS : EVALUATION OF INSECT CONTROL AGENTS; REARING OF SILKWORM AND LAC INSECTS; EVALUATION OF NEMATODE CONTROL AGENTS; RAISING OF PLANTATION.

EXPERIENCE : J.R.F., I.C.A.R., 1976-78; J.R.F., U.G.C., 1978-79; S.R.A., CENTRAL SILK BOARD, RANCHI, 1978-82; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1982-89; SCIENTIST C, N.C.L. SINCE JUNE, 1989.

PRESENT ACTIVITIES : RESEARCH IN ENTOMOLOGY.

LANGUAGES : BENGALI, HINDI, ORIYA, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 4, TESTING - 4.

2038

SHRI I S MULLA; (B. APRIL 29, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '61; CERTIFICATE IN ELECTRONICS - MAHARASHTRA '66; B.A. (HONS.) URDU/PERSIAN - POONA '67; PRAGYA, HINDI - MINISTRY OF EDUCATION, DELHI '69.

SPECIALIZATIONS : OPERATION OF MASS SPECTROMETER, NMR SPECTROMETER, IR AND UV SPECTROMETER; ANALYTICAL TECHNIQUES.

EXPERIENCE : SUPERVISOR, HIGH EXPLOSIVE FACTORY, KIRKEE, 1961-62; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1962-84; SCIENTIST C, N.C.L. SINCE OCTOBER, 1984.

PRESENT ACTIVITIES : OPERATION OF MASS SPECTROMETER.

LANGUAGES : URDU, HINDI, MARATHI, ENGLISH, PERSIAN, ARABIC.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 32.

2039

DR B R K MURTHY; (B. NOVEMBER 5, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - ANDHRA '62; M.SC. CHEMISTRY - VIKRAM '64; PH.D. CHEMISTRY - POONA '71.

SPECIALIZATIONS : HIGH TEMPERATURE CHEMISTRY; INDUSTRIAL INORGANIC CHEMICALS.

EXPERIENCE : RESEARCH FELLOW, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1964-86; (ALSO TRAINING IN PREPARATIVE INORGANIC CHEMISTRY, W. GERMANY, 1975-77); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH; PROCESS DEVELOPMENT.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 22.

2040

SHRI A L NADGIR; (B. SEPTEMBER 23, 1942),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS) CHEMISTRY - POONA '63; M.SC. BIOCHEMISTRY - POONA '79; DIPLOMA IN GERMAN - POONA '74.

SPECIALIZATIONS : BIOCHEMISTRY; PLANT TISSUE CULTURE.

EXPERIENCE : ASSISTANT CHEMIST, SUDERSHAN CHEMICALS, PUNE, 1964; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22.

2041

MR R H NAIK; (B. JUNE 10, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

2042

DR HARISH NARAIN; (B. DECEMBER 8, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - LUCKNOW '61; M.SC. PHYSICAL CHEMISTRY - LUCKNOW '63; PH.D. POLYMER CHEMISTRY - LUCKNOW '71.

SPECIALIZATIONS : POLYMER SYNTHESIS AND MODIFICATIONS; POLYMERIZATION KINETICS; POLYMER CHARACTERIZATION; POLYSTYRENE RIGID FOAM; CONTROLLED RELEASE OF PESTICIDES THROUGH POLYMER MATRICES.

EXPERIENCE : JUNIOR ANALYTICAL ASSISTANT, DEPARTMENT OF PUBLIC ANALYST, GOVT. OF U.P., LUCKNOW, 1963; JUNIOR CHEMIST, STATE PHARMACY OF AURVEDIC MEDICINES, LUCKNOW, 1963; J.T.A., O.N.G.C., 1963-64; J.R.F. (CSIR) AND RESEARCH SCHOLAR (U.G.C.), LUCKNOW UNIVERSITY, LUCKNOW, 1964-69; SENIOR RESEARCH FELLOW (CSIR), JABALPUR UNIVERSITY (M.P.), 1969-71; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1971-86; (ALSO RESEARCH FELLOW, TECHNICAL UNIVERSITY, EINDHOVEN, HOLLAND, 1974-75; UNDP RESEARCH FELLOW, UNIVERSITY OF AKRON POLYMER INSTITUTE, U.S.A., 1985-86); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN POLYMERS & PLASTICS AND CONTROLLED RELEASE TECHNOLOGY OF BIOACTIVE MATERIALS; SYNTHESIS & CHARACTERISATION OF BIODEGRADABLE POLYMERS.

LANGUAGES : HINDI, ENGLISH, GERMAN, FRENCH.

VISITED : THE NETHERLANDS, W. GERMANY, U.K., FRANCE, BELGIUM, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, ARTICLES - 6, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 20.

2043

SHRI S R PADALKAR; (B. JUNE 1, 1940),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '63; M.SC. CHEMISTRY - PUNE '77.

SPECIALIZATIONS : CATALYSIS; PROCESS DEVELOPMENT; ANALYTICAL CHEMISTRY.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES.- 10, PILOT PLANT - 1, CONSULTANCY - 1, QLTY CONTROL - 7, TECHNOLOGY TRANSFER - 1.

2044

DR D G PANSE; (B. APRIL 18, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '65; M.SC. CHEMISTRY - PUNE '78; PH.D. ANALYTICAL CHEMISTRY (G.L.C.) - PUNE '82.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY (AGRO CHEMICALS).

EXPERIENCE : SCIENTIFIC ASSISTANT (A), B.A.R.C., 1965-66; S.L.A., J.T.A., S.T.A. AND SCIENTIST B, N.C.L., 1966-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN SYNTHETIC & ANALYTICAL CHEMISTRY.

LANGUAGES : MARATHI,HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1, PATENTS - 2.

AWARDS & DISTINCTIONS : NRDC AWARD FOR PROCESS DEVELOPMENT OF ETHION, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 20.

2045

MR M D PANSE; (B. JULY 10, 1946),

TECHNICAL OFFICER (C), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67; B. LIB. SCIENCE - POONA '68; DIPLOMA IN GERMAN LANGUAGE - POONA '75; M.SC. ORGANIC CHEMISTRY - POONA '85.

SPECIALIZATIONS : DOCUMENTATION; REPROGRAPHY.

EXPERIENCE : TECHNICAL ASSISTANT, DIRECTORATE OF LIBRARIES, BOMBAY, 1968; J.S.A., INSTITUTE OF ARMAMENT TECHNOLOGY, POONA, 1969-73; SR. LIBRARY ASSISTANT, N.C.L., 1973-78; DOCUMENTATION OFFICER (A), DOCUMEN-

TATION OFFICER (B), N.C.L., 1978-88; TECHNICAL OFFICER (C), N.C.L. SINCE SEPTEMBER 1988.

PRESENT ACTIVITIES : DOCUMENTATION.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 20.

2046

DR M G PARANDE; (B. OCTOBER 28, 1941),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. PHYSICAL CHEMISTRY - POONA '77; M.SC. CHEMICAL ENGINEERING - UNIVERSITY OF SALFORD, U.K. '84; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : PILOT PLANT SCALE-UP; PROCESS DESIGN AND DEVELOPMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, PILOT PLANT - 16, QUALITY CONTROL - 2, MAINTENANCE - 7.

2047

MR D V PARANJAPE; (B. AUGUST 3, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '76; M.SC. PHYSICAL CHEMISTRY - POONA '78; M.SC. CHEMICAL ENGINEERING - SALFORD, U.K. '84.

SPECIALISATIONS : SURFACE CHEMISTRY; LANGMUIR-BLODGETT FILMS AND ABSORPTION HEAT PUMPS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1978-92; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : APP. RES. - 19.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15.

2048

DR(MRS) SANJEEVANI AMRIT PARDHY; (B. DECEMBER 8, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '69; M.SC. INORGANIC CHEMISTRY - PUNE '71; PH.D. INORGANIC CHEMISTRY - PUNE '82.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ORGANOMETALLIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, S.P. COLLEGE, PUNE, 1971-73; LECTURER, MODERN COLLEGE, PUNE, 1976; S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1976- 89; SCIENTIST C, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH IN ORGANOMETALLIC CHEMISTRY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 5, TEACHING - 3.

2049

DR GOPAL PATHAK; (B. MARCH 10, 1945),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - AGRA '63; M.SC. PHYSICAL CHEMISTRY - AGRA '65; PH.D. PHYSICAL CHEMISTRY - POONA '69.

SPECIALIZATIONS : THERMODYNAMICS OF LIQUID MIXTURES.

EXPERIENCE : J.R.F., CHEMIST, S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L. 1965-85; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 3, TEACHING - 1.

2050

DR TANMAYA PATHAK; (B. MARCH 2, 1958),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - JADAVPUR '79; M.SC. ORGANIC CHEMISTRY - JADAVPUR '82; PH.D. CHEMISTRY - UPPSALA UNIVERSITY, SWEDEN '88.

SPECIALIZATIONS : BIOORGANIC CHEMISTRY; MEDICINAL CHEMISTRY; NUCLEOSIDE AND NUCLEOTIDE CHEMISTRY; CARBOHYDRATE CHEMISTRY; TOBACCO SPECIFIC CARCINOGENS.

EXPERIENCE : TRAINEE, ORGANON (INDIA) LIMITED, 1981-82; RESEARCH ASSOCIATE, ORGANON (INDIA) LIMITED, 1982-83; (ALSO POSTDOCTORAL RESEARCH ASSISTANT, DEPARTMENT OF CHEMISTRY, SOUTHAMPTON UNIVERSITY, U.K., 1989-90; SCIENTIST C, N.C.L. SINCE MARCH, 1991.

PRESENT ACTIVITIES : RESEARCH ON NUCLEOSIDE, ACYCLONUCLEOSIDES, AND ANTISENSE AND OLIGONUCLEOTIDES.

LANGUAGES : BENGALI, HINDI. ENGLISH.

VISITED : SWEDEN, U.K., GERMANY, U.S.S.R., YUGOSLAVIA, DENMARK.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, ARTICLE - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL : 12).

2051

SHRI B G PATIL; (B. JULY 25, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '67; M.SC. BIOCHEMISTRY - SHIVAJI '72.

SPECIALIZATIONS : PLANT TISSUE CULTURE; MOLECULAR BIOLOGY; ANIMAL TISSUE CULTURE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968- 89; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN MOLECULAR BIOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 20.

2052

DR S D PATIL; (B. FEBRUARY 2, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '65; M.SC. CHEMISTRY - KOLHAPUR '67; PH.D. CHEMISTRY - KOLHAPUR '72.

SPECIALIZATIONS : NMR SPECTROSCOPY; PHYSICAL ORGANIC CHEMISTRY; ORGANIC CHEMISTRY; POLYMER CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1967-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 6. PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 21.

2053

DR V B PATIL; (B. JUNE 12, 1936),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - POONA '61; M.SC. CHEMISTRY - POONA '62; PH.D. CHEMISTRY - POONA '71.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1971-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 14.

2054

DR(MISS) NEELA RAGHUNATH PAVASKAR; (B. JUNE 9, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. APPLIED MATHEMATICS - SHIVAJI '71; PH.D. PHYSICS - POONA '76.

SPECIALIZATIONS : THIN FILMS AND SINGLE CRYSTALS; PHOTOCONDUCTORS; SOLAR THERMAL CONVERSION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1964-86; (ALSO HIGHER RESEARCH, MEXICO, 1982-84); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN CERAMICS.

LANGUAGES : MARATHI, HINDI, ENGLISH, SPANISH, GERMAN.

VISITED : MEXICO, U.S.A.

PUBLICATIONS & PATENTS : RE. PAPERS - 11, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22 , APP.RES. - 22, DESIGN - 5, TEACHING - 2.

2055

MR C H PHADKE; (B. DECEMBER 31, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. POONA '73; M.SC. POONA '75; PH.D. POONA '84.

SPECIALIZATIONS : MYCOLOGY; ENTOMOGENEOUS FUNGI; PLANT TISSUE CULTURE.

PRESENT ACTIVITIES : PLANT TISSUE CULTURE.

LANGUAGES : ENGLISH, HINDI, MARATHI.

PUBLICATIONS & PATENTS : APPROX - 11, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : 17.

2056

MRS S H PHADNIS; (B. SEPTEMBER 16, 1948),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BOMBAY '68; M.SC. INORGANIC CHEMISTRY - BOMBAY '70.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1971-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PILOT PLANT AND PROCESS DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT, CONSULTANCY, TESTING AND QUALITY CONTROL - (TOTAL : 16).

2057

MRS ASHWINI VINAYAK POL; (B. MAY 9, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE

QUALIFICATIONS : B.SC. - POONA '68; M.SC. ORGANIC CHEMISTRY - POONA '80.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1968-91; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN ORGANIC CHEMISTRY.

LANGUAGES : KANNADA, MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 10, PILOT PLANT - 4.

2058

DR H S POTDAR; (B. JUNE 1, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '71; M.SC. PHYSICAL CHEMISTRY - SHIVAJI '73; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : MATERIALS SCIENCE - DEVELOPMENT OF SOLAR SELECTIVE BLACK MATERIALS; PROCESS DEVELOPMENT FOR PRODUCTION OF HIGH PURITY SILICON.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1975-89; SCIENTIST C, N.C.L. SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D IN MATERIALS SCIENCE - CHEMICAL PROCESSING OF FERROELECTRIC/DIELETRIC CERAMICS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 5, DESIGN - 2, PILOT PLANT - 3.

2059

MRS A V PUNDLE; (B. SEPTEMBER 29, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. MICROBIOLOGY.

SPECIALIZATIONS : BIOTECHNOLOGY; ENZYMOLOGY.

PRESENT ACTIVITIES : R & D IN INDUSTRIALLY IMPORTANT ENZYMES.

LANGUAGES : HINDI, MARATHI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13.

2060

MRS U S PUNTAMBEKAR; (B. JANUARY 7, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '72; M.SC. BIOCHEMISTRY - POONA '81.

SPECIALIZATIONS : ISOLATION AND PRESERVATION OF MICROORGANISMS; BACTERIAL PROTOPLAST FUSION; FERMENTATION TECHNOLOGY; ENZYMOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1973-90; SCIENTIST C, N.C.L. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : R & D IN BIOTECHNOLOGY

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 7, MAINTENANCE - 14.

2061

DR C R RAJAN; (B. JUNE 16, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '69; M.SC. CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '87.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1969-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN POLYMERS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS - 6.

AWARDS & DISTINCTIONS : NRDC INVENTIONS PROMOTION BOARD AWARD FOR DEVELOPMENT OF NITRILE RUBBER, 1978.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 16, CONSULTANCY - 2.

2062

SHRI A M RAJPUT; (B. AUGUST 27, 1948),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE

QUALIFICATIONS : B.SC. - POONA '69; M.SC. PHYSICAL CHEMISTRY - POONA '80.

SPECIALIZATIONS : CATALYSIS AND CATALYTIC REACTION ENGINEERING; OXIDATION CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, 1969-87; SCIENTIST C, N.C.L. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D IN CATALYSIS & REACTION ENGINEERING.

LANGUAGES : PUNJABI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, PATENTS TAKEN - 13, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., TECH. DEV. AND PILOT PLANT - (TOTAL : 20).

2063

DR(MRS) VEDA RAMASWAMY; (B. FEBRUARY 2, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BANGALORE '68; M.SC. PHYSICS - BANGALORE '70; PH.D. CHEMISTRY - GARHWAL '86.

SPECIALISATIONS : CHARACTERISATION OF PETROLEUM AND ITS PRODUCTS; SEPARATION TECHNIQUES; INSTRUMENTAL/ANALYTICAL TECHNIQUES; MATERIALS

CHARACTERIZATION; STRUCTURAL STUDIES OF MOLECULAR SIEVES.

EXPERIENCE : J.S.A./S.L.A., N.A.L., BANGALORE, 1970-74; J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P., DEHRADUN, 1974-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : STRUCTURAL STUDIES OF MOLECULAR SIEVES, OXIDES BY XRD (POWDER); DEVELOPMENT OF CORRELATIONS OF KEY PARAMETERS IN PETROLEUM PRODUCTS.

LANGUAGES : TAMIL, KANNADA, HINDI, TELUGU, GERMAN, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 48, TECH. REPORTS - 12.

AWARDS & DISTINCTIONS : METAL FINISHING AWARD, JOURNAL OF ELECTROCHEM SOCIETY, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, TECHNICAL DEV. - 5, COMPUTER PROC. - 3.

2064

DR S S RAMDASI; (B. APRIL 18, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '62; M.SC. CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '86.

SPECIALIZATIONS : ANALYSIS OF ORGANIC AND ORGANOMETALLIC COMPOUNDS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : MICROANALYSIS AND RESEARCH IN ORGANIC ANALYTICAL CHEMISTRY.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, PATENT ACCEPTED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, SCIENTIFIC (ANALYTICAL) - 25.

2065

MR V V RANADE; (B. OCTOBER 15, 1963),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

2066

DR B SEETARAMA RAO; (B. SEPTEMBER 1, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - ANDHRA '63; M.SC. CHEMISTRY - POONA '79; PH.D. CHEMISTRY - POONA '88.

SPECIALIZATIONS : PLANT TISSUE CULTURE; BIOCHEMISTRY; BIOTECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1963-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 10.

2067

SHRI K G RAUT; (B. JUNE 1, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '76; M.SC. ORGANIC CHEMISTRY - POONA '78.

SPECIALIZATIONS : POLYMER SYNTHESIS AND MODIFICATIONS.

EXPERIENCE : PRODUCTION TRAINEE, HINDUSTAN ORGANIC CHEMICALS LTD., RASAYANI, 1978; PLANT OPERATOR, RASHTRIYA CHEMICALS & FERTILIZERS LTD., BOMBAY, 1978; DEVELOPMENT CHEMIST, DEVIDAYAL ELECTRONICS & WIRES LTD., BOMBAY, 1978-80; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1980-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN POLYMER SYNTHESIS & MODIFICATIONS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2, PAPERS - 5, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 4, PILOT PLANT & CONSULTANCY - 1, TESTING - 2, QLTY CONTROL - 2.

2068

DR C V RODE; (B. SEPTEMBER 8, 1958),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '77; M.SC. CHEMISTRY - POONA '79; PH.D. CHEMISTRY POONA '93.

SPECIALIZATIONS : CHEMISTRY; PROCESS DEVELOPMENT; CATALYSIS; CHEMICAL REACTION ENGINEERING.

EXPERIENCE : RESEARCH ASSISTANT, ALCHEMIE RESEARCH CENTRE PVT. LTD., THANE, 1979-82; S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1982-90; SCIENTIST C, N.C.L. SINCE MARCH, 1990; (ALSO ON DEPUTATION TO U.S.S.R. UNDER INDO-SOVIET EXCHANGE PROGRAMME, 1990-91).

PRESENT ACTIVITIES : R & D IN CATALYSIS & CHEMICAL REACTION ENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12.

2069

DR PARTHA SARATHI ROY; (B. JULY 20, 1955),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - JADAVPUR '75; M.SC. INORGANIC CHEMISTRY - JADAVPUR '77; PH.D. INORGANIC CHEMISTRY - JADAVPUR '84.

SPECIALISATIONS : SYNTHETIC INORGANIC CHEMISTRY; REACTION MECHANISM AND STRUCTURAL ASPECTS OF TRANSITION METAL COMPLEXES; CHEMISTRY OF MACROCYCLIC LIGANDS; BIOINORGANIC CHEMISTRY.

EXPERIENCE : TECHNICAL ASSISTANT, INDIAN OXYGEN LTD., CALCUTTA, 1978-80; LECTURER, RAMSADAY COLLEGE, UNIV. OF CALCUTTA, 1984-85; AVH FELLOW, ALEXANDER VON HUMBOLDT FOUDATION, GERMANY, 1985-86; SR. P.D.F., DURHAM UNIVERSITY, U.K., 1986-88; POOL OFFICER, C.S.I.R., NEW DELHI, 1988-90; SCIENTIST C, N.C.L. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : GERMANY, GREECE, FRANCE, U.K., PORTUGAL.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

AWARDS & DISTINCTIONS : HUMBOLDT FELLOWSHIP, AVH FOUNDATION, GERMANY, 1985-86.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 2, TEACHING - 1, SALES MARKETING - 1.

2070

DR M B SABNE; (B. JULY 7, 1942),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - POONA '64; M.SC. CHEMISTRY - POONA '78; PH.D. CHEMISTRY - POONA '85.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-86; (ALSO RESEARCH IN POLYMERIC MEMBRANES, CZECHOSLOVAKIA, 1982); SCIENTIST C, N.C.L. SINCE JUNE, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF NITRILE RUBBER, 1979.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 12.

2071

DR(MRS) N A SAHASRABUDHE; (B. AUGUST 29, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. BIOCHEMISTRY - POONA '73; PH.D. CHEMISTRY (MOLECULAR BIOLOGY) - POONA '89.

SPECIALIZATIONS : MOLECULAR BIOLOGY; PLANT BIOTECHNOLOGY.

EXPERIENCE : JUNIOR CHEMIST, INDUSTRIAL RESEARCH INSTITUTE, PUNE, 1964-65; DEMONSTRATOR, FERGUSON COLLEGE, PUNE, 1965-67 AND 1970-71; J.R.F., M.A.C.S., PUNE, 1974-75; J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1975-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN MOLECULAR BIOLOGY AND GENETIC ENGINEERING (PLANT BIOTECHNOLOGY).

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 15, TEACHING - 4.

2072

MRS M N SAINANI; (B. JANUARY 15, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '69; M.SC. BIOCHEMISTRY - POONA '71.

SPECIALIZATIONS : MOLECULAR BIOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1974-88; SCIENTIST C, N.C.L. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN MOLECULAR BIOLOGY AND GENETIC ENGINEERING.

LANGUAGES : MARATHI, HINDI, SINDHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13.

2073

DR D R SAINI; (B. MARCH 16, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - DELHI '74; B.TECH. CHEMICAL ENGINEERING & TECHNOLOGY - H.B.T.I., KANPUR '77; M.TECH. CHEMICAL ENGINEERING - H.B.T.I., KANPUR '79; PH.D. CHEMICAL ENGINEERING - I.I.T., DELHI '90.

SPECIALIZATIONS : POLYMER RHEOLOGY; POLYMER PROCESSING; POLYMER CHARACTERIZATION.

EXPERIENCE : S.S.A. AND SCIENTIST B, N.C.L., 1979-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986; (ALSO RESEARCH IN U.S.A. UNDER UNDP PROJECT, 1986).

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 3, TESTING - 3.

2074

SHRI AUTADE GEORGE SAMUEL; (B. JUNE 1, 1940),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '63.

SPECIALIZATIONS : NMR SPECTROMETERS/FT NMR SPECTROMETERS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-86; SCIENTIST C, N.C.L. SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : OPERATION & MAINTENANCE OF N.M.R. SPECTROMETERS - FT N.M.R. - W.H.-90(BRUKER).

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 2, OPERATION - 20.

2075

DR AMITABHA SARKAR; (B. DECEMBER 25, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - I.I.T., KHARAGPUR'73; M.SC. ORGANIC CHEMISTRY - I.I.T., KHARAGPUR'75; PH.D. ORGANIC CHEMISTRY - I.I.SC., BANGALORE'82.

SPECIALIZATIONS : ORGANIC AND ORGANOMETALLIC SYNTHESIS; SPECTROSCOPY.

EXPERIENCE : RESEARCH ASSOCIATE AND POOL OFFICER, I.I.SC., BANGALORE, 1982-83 AND 1986-88 RESPECTIVELY; POST-DOCTORAL RESEARCH, CASE WESTERN RESERVE UNIVERSITY AND WASHINGTON STATE UNIVERSITY, U.S.A., 1983-84 AND 1984-86 RESPECTIVELY; SCIENTIST C, N.C.L. SINCE MARCH, 1989.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, TEACHING - 1.

2076

DR M SASTRY; (B. JUNE 10, 1959),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. PHYSICS - MADURAI '80; M.SC. PHYSICS - I.I.T., MADRAS '82; PH.D. PHYSICS - I.I.T., MADRAS '87.

SPECIALISATIONS : SURFACE SCIENCE; THIN FILM TECHNOLOGY.

EXPERIENCE : S.R.F., I.I.T., MADRAS, 1986-87; ICTP POST DOCTORAL FELLOW, UNIV. OF ROME AND TRICOTA, ITALY, 1988-90; SCIENTIST C, N.C.L. SINCE MARCH, 1991.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH, ITALIAN.

VISITED : ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 43, TECH. REPORTS - 2, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 11, DESIGN - 1.

2077

DR P K SAXENA; (B. MAY 25, 1954),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KANPUR '72; M.SC. CHEMISTRY - KANPUR '75; PH.D. CHEMISTRY - KANPUR '83.

SPECIALIZATIONS : POLYMER SYNTHESIS AND MODIFICATIONS.

EXPERIENCE : TECHNICAL ASSISTANT, H.B.T.I., KANPUR, 1980-81; SCIENTIST A, SCIENTIST B, N.C.L., 1981-88; SCIENTIST C, N.C.L. SINCE MAY, 1988.

PRESENT ACTIVITIES : RESEARCH ON POLYMER SYNTHESIS & MODIFICATION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 9.

2078

DR(MRS) LAXMAN R SEETA; (B. OCTOBER 8, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. BIOCHEMISTRY - POONA '74; PH.D. CHEMISTRY - POONA '87.

SPECIALIZATIONS : ENZYME BIOCHEMISTRY; MICROBIAL TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1976-86; (ALSO HIGHER TRAINING, UNDER UNDP, U.S.A., 1984); SCIENTIST C, N.C.L. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : R & D IN PROTEIN CHEMISTRY; MICROBIAL TECHNOLOGY.

LANGUAGES : TELUGU, HINDI, KANNADA, MARATHI, ENGLISH, FRENCH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11.

2079

SHRI V G SHAH; (B. JUNE 9, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '65; M.SC. CHEMISTRY - POONA '80.

SPECIALIZATIONS : MICROANALYSIS; ORGANIC PHOTOCHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC PHOTOCHEMISTRY.

LANGUAGES : GUJARATI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 3, OPERATION - 7.

2080

DR B M SHINDE; (B. JULY 15, 1946),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '70; M.SC. ORGANIC CHEMISTRY - SHIVAJI '72; PH.D. CHEMISTRY - SHIVAJI '77.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1975-86; (ALSO POST DOCTORAL RESEARCH, THE TECHNICAL UNIVERSITY OF DENMARK, DENMARK, 1979-81); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : DENMARK.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, PATENTS - 5, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 8.

2081

SHRI I SHIVAKUMAR; (B. APRIL 20, 1949),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. CHEMISTRY - POONA '81.

SPECIALIZATIONS : PHOTOCHEMISTRY; AUTOXIDATION; PLANT GROWTH REGULATION; APPLIED AND SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : CHEMIST, S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1972-89; SCIENTIST C, N.C.L. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : TAMIL, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 8, PILOT PLANT - 1, TECHNOLOGY TRANSFER - 1.

2082

MRS J J SHROTRI; (B. OCTOBER 9, 1943),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64.

SPECIALIZATIONS : CHEMICAL ANALYSIS; HIGH PERMEABILITY FERRITES; BARIUM AND STRONTIUM HEXAGONAL FERRITES.

EXPERIENCE : SCIENCE TEACHER, R.R. HIGH SCHOOL, BHOR, 1964-65; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1965-89; SCIENTIST C, N.C.L. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : R & D IN MAGNETIC MATERIALS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 2, PATENTS FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 27, TEACHING - 1.

2083

DR A P SINGH; (B. JANUARY 1, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MEERUT '74; M.SC. ORGANIC CHEMISTRY - MEERUT '76; PH.D. INORGANIC SYNTHETIC CHEMISTRY - B.H.U. '82.

SPECIALIZATIONS : CATALYSIS AND CATALYTIC REACTION ENGINEERING.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1982-88; (ALSO HIGHER RESEARCH IN CATALYSIS AS LEVERHULME RESEARCH FELLOW, UNIVERSITY OF SALFORD, U.K., 1986-87); SCIENTIST C, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : SYNTHESIS AND CATALYSIS OF ZEOLITES.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 6, PILOT PLANT - 3, OPERATION - 5.

2084

DR RAJPAL SINGH; (B. MARCH 1, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MEERUT '74; M.SC. CHEMISTRY - MEERUT '76; PH.D. CHEMISTRY - KURUKSHETRA '80.

SPECIALIZATIONS : PHOTO DEGRADATION; PHOTOSTABILISATION ; LIGHT SCATTERING; THERMAL DEGRADATION; PHOTOCATALYSED PHENOMENA IN POLYMERS; VISCOMETRY, GC-MS TECHNIQUE IN POLYMERS.

EXPERIENCE : SCIENTIST B, N.C.L., 1982-87; (ALSO ASSOCIATE PROFESSOR, UNIVERSITE CLERMONT - FERRARD, FRANCE, 1985-86); SCIENTIST C, N.C.L. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, TEACHING - 2.

2085

DR(MRS) BHARATI SINHA; (B. JANUARY 20, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67; A.I.C. CHEMISTRY - INSTITUTE OF CHEMISTS (CALCUTTA) '75; PH.D. ORGANIC CHEMISTRY - POONA '85.

SPECIALIZATIONS : CARBOHYDRATES; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN NATURAL PRODUCTS AND CARBOHYDRATES.

LANGUAGES : BENGALI, HINDI, MARATHI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 3.

2086

MRS LATHA SIVADASAN; (B. FEBRUARY 5, 1952),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '72; M.SC. BOTANY - KERALA '74; M.SC. CHEMISTRY - POONA '88.

SPECIALIZATIONS : BOTANY; ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, N.C.L., 1974-90; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC CHEMISTRY.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16.

2087

SHRI A Y SONSALE; (B. FEBRUARY 14, 1939),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - POONA '63.

SPECIALIZATIONS : SILICONES AND INTERMEDIATES; ORGANOMETALLIC CHEMISTRY; CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1964-87; SCIENTIST C, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D IN HETEROGENEOUS CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 2, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : ICICI AWARD FOR METHANOL TO FORMALDEHYDE CATALYST, 1993-94.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 23.

2088

SHRI S S TAMHANKAR; (B. SEPTEMBER 30, 1942),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. (HONS.) - POONA '63; M.SC. CHEMISTRY - POONA '81.

SPECIALIZATIONS : CHEMICAL ANALYSIS.

EXPERIENCE : TEACHER, PRIVATE SCHOOL, 1963-64; TECHNICAL SALES REPRESENTATIVE, KIRLOSKAR BROS. LTD., 1964-65; S.L.A., J.S.A., S.S.A. SCIENTIST A AND SCIENTIST B, N.C.L., 1965-86; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : CHEMICAL ANALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 18.

2089

MRS V S TARE; (B. SEPTEMBER 15, 1952),

TECHNICAL OFFICER (C), NATIONAL CHEMICAL LABORATORY, PUNE.

2090

SHRI M J THAKAR; (B. AUGUST 10, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '74; M.SC. PHYSICAL CHEMISTRY - POONA '76.

SPECIALIZATIONS : POLYMER SCIENCE - SYNTHESIS AND CHARACTERIZATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1976- 90; SCIENTIST C, N.C.L. SINCE JUNE, 1990.

PRESENT ACTIVITIES : R & D IN POLYMER SCIENCE AND ENGINEERING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, QLTY. CONTROL - 6.

2091

DR(MRS) S R THENGANE; (B. MARCH 13, 1951),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - NAGPUR '70; M.SC. BOTANY - NAGPUR '72; PH.D. BOTANY (CYTOGENETICS) - NAGPUR '78.

SPECIALIZATIONS : CYTOGENETICS; PLANT TISSUE CULTURE.

EXPERIENCE : RESEARCH ASSISTANT, DEPTT. OF SCIENCE & TECHNOLOGY, NAGPUR UNIVERSITY, 1977-79; LECTURER, S.P. COLLEGE, PUNE, 1979-80; LECTURER, FERGUSSON COLLEGE, PUNE, 1980-82; SCIENTIST B, N.C.L., 1982-89; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1989; (ALSO VISITED BULGARIA UNDER EXCHANGE PROGRAMME FOR RESEARCH ON SUNFLOWER IMPROVEMENT).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, SCIENTIFIC BOOKS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 11, PILOT PLANT - 3, TECH. TRANSFER - 2, COMPUTER PROC. - 3.

2092

DR(MRS) S S TIKEKAR; (B. JANUARY 21, 1954),

TECHNICAL OFFICER (C), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.B.B.S. - PUNE '76.

EXPERIENCE : M.O., PENDEN CEMENT FACTORY, BHUTAN, 1978-78; MEDICAL OFFICER, TALEGAON GENERAL HOSPITAL, TALEGAON, 1981-91; SCIENTIST C, N.C.L. SINCE AUGUST, 1991.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : BHUTAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : 17.

2093

SHRI S H VAIDYA; (B. JUNE 10, 1947),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '68; M.SC. PHYSICAL CHEMISTRY - POONA '80; A.M.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '80.

SPECIALIZATIONS : PROCESS DESIGN AND DEVELOPMENT; PROCESS SCALE-UP.

EXPERIENCE : CHEMIST, SWASTIK RUBBER PRODUCTS, PUNE, 1968.; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-88; SCIENTIST C, N.C.L. SINCE MARCH, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 10, DESIGN - 1, PILOT PLANT - 10, OPERATION - 10.

2094

SHRI P VENUGOPAL; (B. JULY 5, 1959),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M. TECH. CHEMICAL ENGINEERING - IIT, DELHI '84.

EXPERIENCE : ASSISTANT DEVELOPMENT ENGINEER, NRDC, NEW DELHI, 1984-88; SCIENTIST C, N.C.L. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : PRE-RESEARCH APPRAISAL OF NEW PROJECTS TAKEN UP AT NCL, FEASIBILITY STUDIES, BUSINESS DEVELOPMENT AND DEVISING STRATEGIES TO MAXIMISE REVENUE EARNINGS TO NCL.

LANGUAGES : HINDI, MALAYALAM, ENGLISH.

VISITED : U.K.

PROFESSIONAL EXPERIENCE(IN YEARS) : 9.

2095

DR R VETRIVEL; (B. MARCH. 2, 1957),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '77; M.SC. CHEMISTRY - MADURAI '79; PH.D. CHEMISTRY - I.I.T.. MADRAS '84.

EXPERIENCES : RESEARCH OFFICER, IPCL BARODA, 1984-85; RESEARCH FELLOW, KEELE UNIVERSITY, U.K., 1986-88; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1989.

2096

DR K VIJAYMOHANAN; (B. MAY 28, 1960),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - KERALA '80; M.SC. CHEMISTRY - KERALA '82; PH.D. ELECTROCHEMISTRY - INDIAN INSTITUTE OF SCIENCE, BANGALORE '89.

SPECIALISATIONS : ELECTROCHEMICAL POWER SOURCES; SOLID STATE GAS SENSORS; MATERIALS CHEMISTRY; ELECTROCATALYSIS.

EXPERIENCE : RESEARCH ASSOCIATE, I.I.SC., BANGALORE, 1989-91; SCIENTIST C, N.C.L. SINCE APRIL, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 1, ARTICLES - 2, PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 4, CONSULTANCY - 2, TEACHING - 2, DOCUMENTATION - 5.

2097

MRS ANURADHA KRISHANA VYAS; (B. APRIL 7, 1944),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '65; M.SC. BIOCHEMISTRY - PUNE '67.

SPECIALIZATIONS : MAINTENANCE OF MICROORGANISMS; PROTOPLAST FUSION; FERMENTATION TECHNOLOGY; WHOLE CELL IMMOBILIZATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1968-87; SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987; (ALSO DEPUTATION UNDER LINK/ALIS PROGRAMM ON HYDROLYTIC ENZYMES TO MANCHESTER UNIVERSITY, U.K., JANUARY-MARCH, 1990).

PRESENT ACTIVITIES : R & D IN MAINTENANCE OF MICROORGANISMS AND FUSION OF PROTOPLAST; ISOLATION AND CHARACTERIZATION OF MARINE BACTERIA FOR EXTRACELLULAR POLYSACCHARIDE PRODUCTION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 5, MAINTENANCE - 18, TEACHING - 2.

2098

DR K J WAGHAMARE; (B. DECEMBER 25, 1950),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '73; M.SC. INORGANIC CHEMISTRY - SHIVAJI '75; D.A.M. ADMINISTRATIVE MANAGEMENT - BOMBAY '76; PH.D INORGANIC CHEMIMSTRY (CATALYSIS) - POONA '91.

SPECIALIZATIONS : ADMINISTRATIVE MANAGEMENT; REFORMING OF NAPHTHA; INORGANIC CHEMISTRY; CATALYSIS AND TECHNOLOGY DEVELOPMENT OF NAPHTA REFORMING; HYDROPROCESSING; HYDRODEWAXING OF

LUBE FRACTIONS; OXIDATION REACTIONS; INDUSTRIAL LIAISON.

EXPERIENCE : J.S.A., S.S.A. SCIENTIST A AND SCIENTIST B, N.C.L., 1978-91; (ALSO UNIDO FELLOW, 1990-91); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON, COORDINATION, PUBLIC RELATIONS, PREPARATION AND SUBMISSION OF RESEARCH PROPOSALS, PREPARATION OF RESEARCH CONTRACT AGREEMENTS WITH PRIVATE SECTORS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : ITALY, GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : UNIDO FELLOWSHIP, 1990-91.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TECH. DEV. - 8, CONSULTANCY - 6, R & D MGMT. - 8, OPERATION - 8, TESTING - 8, PLANNING - 8, TECH. TRANSFER - 6, DOCUMENTATION - 8, REPROGRAPHY - 3.

2099

DR N K YADAV; (B. JUNE 2, 1953),

SCIENTIST C, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - H.B.T.I., KANPUR '75; M.TECH. CHEMICAL ENGINEERING (DESIGN) - H.B.T.I., KANPUR '77; PH.D. CHEMICAL ENGINEERING - I.I.T., BOMBAY '90.

SPECIALIZATIONS : FLUIDIZATION; CHEMICAL REACTION ENGINEERING/CATALYSIS; COMPUTER MODELLING AND SIMULATION; HIGH SPEED PHOTOGRAPHY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, N.C.L., 1977-87; (ALSO TRAINING IN HIGH SPEED CAMERA OPERATION, W.GERMANY, 1981); SCIENTIST C, N.C.L. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN FLUIDIZATION, MICROEMULATION, PROCESS DEVELOPMENT, COMPUTER MODELLING AND SIMULATION.

LANGUAGES : HINDI, ENGLISH, FRENCH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3, PUBLICATIONS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 8, DESIGN - 2, PILOT PLANT - 5, OPERATION - 4, COMPUTER PROCESSING - 5, PHOTOGRAPHY - 5.

2100

DR H V ADIKANE; (B. OCTOBER 28, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. BIOCHEMISTRY '78; M.SC. BIOCHEMISTRY - MARATHWADA '80 PH.D. BIOCHEMISTRY - MARATHWADA '86.

SPECIALISATIONS : ENZYMOLOGY.

EXPERIENCE : BIOCHEMIST, N.H.M.C., NEW DELHI, 1985-88; ASSISTANT DIRECTOR, INDUSTRIAL HYGEINE DIVISION, C.L.I., BOMBAY, 1988-89; SCIENTIST B, N.C.L. SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : PLANING AND EXECUTION OF LABORATORY WORK.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 3, TEACHING - 3.

2101

MISS S V AWATE; (B. FEBRUARY 25, 1957),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - PUNE '77; M.SC. INORGANIC CHEMISTRY - PUNE '79.

SPECIALIZATIONS : SYNTHESIS AND CHARACTERIZATION OF ZEOLITE ANALYTICAL CHEMISTRY (XRF).

EXPERIENCE : CHEMIST, S.L.A., J.S.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1979-89; SCIENTIST B, N.C.L. SINCE FEB., 1990; (ALSO UNIDO FELLOW, 1992).

PRESENT ACTIVITIES : XRF ANALYSIS OF ZEALITE SAMPLES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : SRI LANKA, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

AWARDS & DISTINCTIONS : ICICI TECHNOLOGY AWARD, 1994.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, OPERATION - 2, TESTING - 6.

2102

SHRI S R AYODHYA; (B. DECEMBER 1, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MANGALORE '82; M.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '84.

SPECIALIZATIONS : CHEMICAL ENGINEERING; HIGH POLYMER ENGINEERING.

EXPERIENCE : TECHNICAL CONSULTANT, BUREAU OF INDUSTRIAL COSTS & PRICES, NEW DELHI, 1984-86; SCIENTIST B, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : POLYMER SCIENCE & ENGINEERING.

LANGUAGES : KANNADA, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 2, TECHNICAL DEV. - 2, TECHNO-ECONOMIC SURVEYS - 2.

2103

DR M V BADIGER; (B. JULY 18, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '79; B.SC. (TECH.) PLASTIC TECHNOLOGY - BOMBAY '82; PH.D. - BOMBAY '90.

SPECIALIZATIONS : POLYMER SCIENCE.

EXPERIENCE : TECHNICAL SERVICE OFFICER, COSMO FILMS LTD., BOMBAY, 1982; TECHNOLOGIST, N.C.L., 1982-87; SCIENTIST B, N.C.L. SINCE MARCH, 1987.

PRESENT ACTIVITIES : R & D IN POLYMER SCIENCE & ENGINEERING.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 3.

2104

MRS K BALAKRISHNAN; (B. JUNE 29, 1941),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2105

SHRI P P BARVE; (B. JANUARY 3, 1957),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '80; B.SC. (TECH) PHARMACEUTICALS AND FINE CHEMICALS - BOMBAY '84; M.SC. (TECH) PHARMACEUTICALS AND FINE CHEMICALS - BOMBAY '86.

SPECIALIZATIONS : PHARMACEUTICALS AND FINE CHEMICALS; PROCESS DEVELOPMENT OF DRUGS AND DRUG INTERMEDIATES.

EXPERIENCE : R & D OFFICER, THEMIS PHARMACEUTICALS, BOMBAY, 1986-87; PRODUCTION OFFICER, CIPLA, BOMBAY, 1987; SCIENTIST B, NCL SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D IN DRUGS & DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 2, PILOT PLANT & PRODUCTION - 1.

2106

MRS G D BEBBALKAR; (B. JANUARY 7, 1954),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2107

SHRI S S BHOSALE; (B. JUNE 1, 1949),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '72; M.SC. ORGANIC CHEMISTRY - SHIVAJI '74; PH.D CHEMISTRY - POONA '85.

EXPERIENCE : S.L.A. AND S.S.A., N.C.L., 1975-85; SCIENTIST B, N.C.L. SINCE JUNE, 1985.

PRESENT ACTIVITIES : R & D.

2108

MRS S S BISWAS; (B. JANUARY 2, 1955),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY. PUNE.

2109

MRS A N BOTE; (B. SEPTEMBER 11, 1951),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2110

DR A R CHASTI; (B. MARCH 10, 1935),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2111

MR A R CHASTY; (B. OCTOBER 3, 1935),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2112

MR S K CHAUDHARI; (B. JUNE 1, 1953),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2113

MISS MRUDULA P CHIRMULE; (B. APRIL 30, 1955),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. BOTANY - PUNE '74; B.LIB. LIBRARY SCIENCE - PUNE '77; ADVANCE DIPLOMA IN RUSSIAN - PUNE '87; M.LIB.I.SC. LIBRARY SCIENCE - PUNE '88.

EXPERIENCE : LIBRARIAN JUNIOR, LIBRARY ASSISTANT, S.S.A. AND SCIENTIST A, N.C.L., 1980-92; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1992; (ALSO TRAINING IN CDS/ISIS. INSDOC, 1992).

PRESENT ACTIVITIES : DOCUMENTATION PROCUREMENT; COMPUTERISATION OF LIBRARY SERVICES.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 14.

2114

MR S R DABKE; (B. SEPTEMBER 4, 1945),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2115

MR V G DEODHAR; (B. APRIL 18, 1943),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2116

SHRI KISHOR D DESHPANDE; (B. DECEMBER 6, 1961),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '82; M.SC. ELECTRONICS - POONA '84; DIPLOMA IN SCIENCE & TECHNOLOGY - B.I.T.S. '90.

SPECIALIZATIONS : ELECTRONICS; MAINTENANCE OF ANALYTICAL INSTRUMENTS; DEVELOPMENT OF ANALYTICAL INSTRUMENTS.

EXPERIENCE : PROJECT ASSISTANT, N.C.L., 1984-87; SCIENTIST B. N.C.L. SINCE APRIL, 1987; (ALSO TRAINING IN OPERATION & MAINTENANCE OF NMR SPECTROMETER IN SWITZERLAND, 1992).

PRESENT ACTIVITIES : DEVELOPMENT AND MAINTENANCE OF ANALYTICAL INSTRUMENTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : SWITZERLAND.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNICAL DEV. - 2, CONSULTANCY - 1, TESTING - 2, MAINTENANCE - 2, TECH. TRANSFER - 6, ADMINISTRATION - 1, DOCUMENTATION - 1, COMPUTER PROG. - 1.

2117

SHRI PRAVEEN KRISHNAN DESHPANDE; (B. SEPTEMBER 18, 1953),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '74; D.B.M. - POONA '80; M.M.S. - POONA '81.

SPECIALIZATIONS : PREPARATION OF TECHNICAL CONTRACT DOCUMENTS.

EXPERIENCE : JUNIOR CHEMIST, SUDARSHAN CHEMICALS LTD., PUNE, 1974-78; J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1978-91; SCIENTIST B, N.C.L. SINCE MAY, 1991.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER.

LANGUAGES : KANNADA, MARATHI, HINDI, GUJARATI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 2, PILOT PLANT - 2, TECH. TRASFER - 16.

2118

DR R M DESHPANDE; (B. JUNE 18, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '78; M.SC. INORGANIC CHEMISTRY - POONA '80; PH.D. CHEMISTRY - POONA '86.

SPECIALIZATIONS : HOMOGENEOUS CATALYSIS; HIGH PRESSURE REACTIONS; BIPHASIC REACTIONS; KINETICS.

EXPERIENCE : RESEARCH FELLOW AND RESEARCH ASSOCIATE, N.C.L., 1981-87; SCIENTIST B, N.C.L. SINCE JULY, 1987.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 2, PATENTS FILED CURRENTLY - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 2.

2119

MRS D A DHOBLE; (B. JANUARY 15, 1958),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '78; M.SC. ORGANIC CHEMISTRY - POONA '80.

EXPERIENCE : JUNIOR LECTURER, DYANAPRABOHINI HIGH SCHOOL, PUNE, 1980; TECHNICAL OFFICER (B), N.C.L. SINCE MARCH, 1990.

PRESENT ACTIVITIES : R & D.

2120

DR P G DIWAKAR; (B. NOVEMBER 1, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2121

DR M S GAIKWAD; (B. SEPTEMBER 17, 1954),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2122

DR(MRS) BAIJAYANTIMALA GARNAIK; (B. JUL. 23, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - UTKAL '79; M.SC. ORGANIC CHEMISTRY - UTKAL '81; PH.D. POLYMER CHEMISTRY - I.I.T., KHARAGPUR '87.

SPECIALISATIONS : ORGANIC CHEMISTRY; POLYMER CHEMISTRY.

EXPERIENCE : POST DOCTORAL FELLOW, TOKYO INST. OF TECHNOLOGY, TOKYO, JAPAN, 1987-88; SCIENTIST B, N.C.L. SINCE MAY, 1989.

PRESENT ACTIVITIES : RESEARCH IN POLYMER CHEMISTRY.

LANGUAGES : ORIYA, HINDI, ENGLISH, FRENCH, JAPANESE.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9.

2123

MRS V V GHAISAS; (B. JUNE 11, 1947),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '67.

SPECIALIZATIONS : INDUSTRIAL LIAISON.

EXPERIENCE : SENIOR DEMONSTRATOR, J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1969-85; SCIENTIST B, N.C.L. SINCE JUNE, 1985.

PRESENT ACTIVITIES : RESEARCH CO-ORDINATION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNO-ECONOMIC SURVEYS - 14, PLANNING - 14, TECHNOLOGY TRANSFER - 14, EDITING - 14, DOCUMENTATION - 14.

2124

MR R B GUJARATHI; (B. OCTOBER 12, 1942),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2125

DR B B IDAGE; (B. JULY 20, 1955),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2126

DR N S INDABKE; (B. NOVEMBER 27, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2127

MRS NEELIMA SHANKARNARAYANAN IYER; (B. OCTOBER 8, 1961),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ELECTRONICS - POONA '83.

SPECIALISATIONS : ASSEMBLY LANGUAGE PROGRAMMING.

EXPERIENCE : LECTURER, WIMLABAI GARWARE JUNIOR COLLEGE, PUNE, 1983; LECTURER, FERGUSON COLLEGE, PUNE, 1983-84; ELECTRONIC ASSISTANT, N.C.L., 1984-87; SCIENTIST B, N.C.L. SINCE APRIL, 1987.

PRESENT ACTIVITIES : MAINTENANCE AND COMPUTER PROGRAMMING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, MAINTENANCE - 2, TECHNOLOGY TRANSFER - 2, ADMINISTRATION - 4, DOCUMENTATION - 2, COMPUTER PROGRAMMING - 8, CONSULTANCY - 1.

2128

MRS N E JACOB; (B. JANUARY 16, 1947),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KARNATAK '69; M.SC. CHEMISTRY - POONA '80.

SPECIALIZATIONS ; THERMOGRAVIMETRIC ANALYSIS; RADIOLYSIS; ZEOLITE SYNTHESIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1970-86; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ZEOLITE CATALYSIS.

LANGUAGES : HINDI, MARATHI, KANNADA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESS DEVELOPED - 1.

AWARDS & DISTINCTIONS : ICICI TECHNOLOGY AWARD, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 8, OPERATION - 23.

2129

SHRI PANDIT BALIRAM JADKAR; (B. JANUARY 16, 1953),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '74; M.SC. PHYSICAL CHEMISTRY - SHIVAJI '83.

SPECIALISATIONS : CARBONYLATION REACTIONS; GAS CHROMATOGRAPHIC ANALYSIS; MAINTANANCE OF GAS CHROMATOGRAPHS.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., 1974-90; SCIENTIST B, N.C.L. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 13, PILOT PLANT - 1.

2130

SHRI SUNIL S JOSHI; (B. NOVEMBER 16, 1961),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '82; B.SC.(TECH.) DYES & INTERMEDIATES - BOMBAY'85.

SPECIALIZATIONS : DYES AND INTERMEDIATES; PROCESS DEVELOPMENT.

EXPERIENCE : RESEARCH OFFICER, SEKHSARIA CHEMICALS, BOMBAY, 1985-87; SCIENTIST B, N.C.L. SINCE MAY, 1987.

PRESENT ACTIVITIES : PILOT PLANT SCALE-UP.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, PILOT PLANT - 2.

2131

SHRI S KANAGASABAPATHY; (B. APRIL 20, 1965),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '86; M.SC. CHEMISTRY - ANNAMALAI '88.

SPECIALISATIONS : OXIDATIVE CARBONYLATION REACTIONS.

EXPERIENCE : CHEMIST, BALAMURUGAN CHEMICALS, MADRAS, 1988-89; CHEMIST, VANTECH PESTICIDES, HYDERABAD, 1989; SCIENTIST B, N.C.L. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : TAMIL, TELUGU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1.

2132

MR S B KATTE; (B. FEBRUARY 28, 1954),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2133

MR A A KELKAR; (B. JULY 29, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '79; M.SC. INORGANIC CHEMISTRY - POONA '81.

SPECIALISATIONS : HOMOGENEOUS CATALYSIS.

EXPERIENCE : J.S.A. AND S.S.A., N.C.L., 1982-90; SCIENTIST B, N.C.L. SINCE SINCE AUGUST, 1990.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 2, CONSULTANCY - 1.

2134

MR A D KULKARNI; (B. MAY 7, 1952),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2135

SHRI D D KULKARNI; (B. MARCH 28, 1944),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '66; M.SC. MATHEMATICS - SHIVAJI '74; M.SC. CHEMISTRY - POONA '82.

SPECIALIZATIONS : PROTOPLAST TECHNOLOGY; PLANT TISSUE CULTURE.

EXPERIENCE : S.L.A. AND S.S.A., N.C.L., 1966-84; SCIENTIST B, N.C.L. SINCE JULY, 1984.

PRESENT ACTIVITIES : RESEARCH ON GENETIC MODIFICATION OF PLANTS THROUGH PROTOPLAST TECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25.

2136

MISS MANDAKINI M KULKARNI; (B. MARCH 23, 1955),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - SHIVAJI '77.

SPECIALIZATIONS : CHEMISTRY AND BIOLOGICAL ACTIVITY OF NATURAL PRODUCTS.

EXPERIENCE : S.L.A., S.S.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1979-86; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN CHEMISTRY OF NATURAL PRODUCTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -5, PATENTS FILED - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 8.

2137

MR V G KULKARNI; (B. SEPTEMBER 27, 1946),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2138

SHRI V M KULKARNI; (B. SEPTEMBER 29, 1952),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - PUNE '72; M.SC. BIOCHEMISTRY - PUNE '82.

SPECIALIZATIONS : PLANT TISSUE CULTURE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1973-89; SCIENTIST B, N.C.L. FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 21.

2139

DR(MRS) SUNIL KUMAR LALITHA; (B. NOVEMBER 14, 1958),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - POONA '79; M.SC. BIOCHEMISTRY - POONA '81; PH.D. BIOCHEMISTRY - POONA '90.

SPECIALISATIONS : PLANT DNA ANALYSIS.

EXPERIENCE : S.S.A. AND SCIENTIST A, N.C.L., 1982-90; TECHNICAL OFFICER (B), N.C.L. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : IDENTIFICATION & CHARACTERISATION OF REPEAT SEQUENCES IN RICE.

LANGUAGES : TELUGU, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, ARTICLES - 1.

AWARDS & DISTINCTIONS : NATIONAL SCIENCE TALENT SCHOLARSHIP. NATIONAL COUNCIL FOR EDUCATIONAL RESEARCH AND TRAINING (NCERT), 1976-82.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 5.

2140

DR(MRS) ANJALI PRABHAKAR LIKHITE; (B. OCTOBER 4, 1953),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MARATHWADA '73; M.SC. ORGANIC CHEMISTRY - MARATHWADA '75; PH.D. ORGANIC CHEMISTRY - MARATHWADA '80.

SPECIALIZATIONS : HETEROCYCLIC COMPOUNDS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A., N.C.L., 1981-85; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : R & D IN SYNTHETIC PYRETHROIDS; DRUGS & DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 5.

2141

MR S M MAHAJANI; (B. AUGUST 15, 1968),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2142

SHRI SANJAY MALIK; (B. FEBRUARY 5, 1961),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - DELHI '80; M.SC. ORGANIC CHEMISTRY - M.D. UNIVERSITY, ROHTAK '83; M.TECH. POLYMER SCIENCE & ENGINEERING - I.I.T., KHARAGPUR '84.

SPECIALIZATIONS : POLYMER SCIENCE AND ENGINEERING; SYNTHESIS AND RHEOLOGY OF POLYMERS; PAINT TECHNOLOGY.

EXPERIENCE : SENIOR TECHNICAL OFFICER, BERGER PAINTS I. LTD., CALCUTTA, 1985-86; R & D MANAGER, ROSALU PAINTS LTD., GUJARAT, 1988; SCIENTIST B, N.C.L. SINCE JULY, 1987.

LANGUAGES : HINDI, PUNJABI, BENGALI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS FILED - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, TECH. DEV. - 3, PILOT PLANT - 3, R & D MGMT. - 1, PRODUCTION - 1, TECH. TRANSFER - 1.

2143

MR A S MAMMAN; (B. OCTOBER 3, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '72; M.SC. PHYSICAL CHEMISTRY - POONA '88.

SPECIALISATIONS : STUDIES ON DIFFUSION; OXIDATION REACTIONS.

EXPERIENCE : S.L.A., J.S.A AND S.S.A., N.C.L., 1973-90; SCIENTIST B, N.C.L. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : BASIC RESEARCH AND APPLIED RESEARCH.

LANGUAGES : PUNJABI, MARATHI, HINDI, SANSKRIT, ENGLISH.

VISITED : E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 8.

2144

MRS N S MEHTA; (B. FEBRUARY 2, 1947),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. ELECTRONICS & TELECOM - POONA '69; M.E. ELECTRONICS & TELECOM - POONA '75.

SPECIALISATIONS : COMPUTER SOFTWARE DEVELOPMENT FOR COMMERCIAL APPLICATIONS; SYSTEMS ANALYSIS.

EXPERIENCE : ASSISTANT ENGINEER TRAINEE, SEMICONDUCTORS LTD. PUNE, 1969-70; LECTURER, ENGINEERING COLLEGE, PUNE, 1970-74; RESEARCH ASSISTANT AND RESEARCH OFFICER, C.W.P.R. STATION, PUNE, 1974-80; MANAGER IV, KIRLOSKAR OIL ENGINES, KIRKEE, PUNE, 1980-82; SYSTEM ANALYST, WESTIND INTERGRATED SYSTEM PVT. LTD., PUNE, 1982-88; SCIENTIST B, N.C.L. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : COMPUTERIZATION.

LANGUAGES : MARATHI, HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 7, TEACHING - 6, COMPUTER PROCESSING - 12.

2145

SHRI SUBHASH P MIRAJKAR; (B. MAY 29, 1953),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - KARNATAK '74; M.SC. CHEMISTRY - PUNE '87.

SPECIALISATIONS : PHYSICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1978-91; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : SINGAPORE.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PATENTS TAKEN - 3, ARTICLES - 3.

AWARDS & DISTINCTIONS : NRDC CERTIFICATE OF MERIT, 1982.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, OPERATION - 12, QUALITY CONTROL - 2, PILOT PLANT - 2.

2146

DR I S MULLA; (B. NOVEMBER 30, 1950),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '71; M.SC. CHEMISTRY - POONA '82; PH.D. CHEMISTRY - POONA '91.

SPECIALISATIONS : MATERIALS SCIENCE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1971-89; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : URDU, MARATHI, HINDI, ENGLISH.

VISITED : ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 12, PILOT PLANT - 5.

2147

SHRI N S NATRAJAN; (B. NOVEMBER 13, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - MADRAS '71; M.SC. PHYSICAL CHEMISTRY - PEOPLES FRIENDSHIP UNIVERSITY, U.S.S.R. '78.

SPECIALISATIONS : PHYSICAL CHEMISTRY.

EXPERIENCE : J.R.F., I.S.M., DHANBAD, 1978-80; S.S.A. AND SCIENITIST A, N.C.L., 1980-85; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : RESEARCH IN PHYSICAL CHEMISTRY.

LANGUAGES : TAMIL, HINDI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

2148

DR M M PADKI; (B. FEBRUARY 27, 1957),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.PHARM. - BOMBAY '77; M.PHARM. PHARMACY - BOMBAY '81; PH.D.(TECH.) PHARMACY - BOMBAY '86.

SPECIALISATIONS : CONTROLLED RELEASE OF DRUGS; TARGETTED DRUG DELIVERY; IMMUNOLOGY.

EXPERIENCE : GRAD. APPRENTICE, THENIS PHARMACEUTICALS, BOMBAY, 1977-78; J.R.F., HAFFKIN INST., BOMBAY, 1978-81; LECTURER, COLLEGE OF PHARMACY, THANE, 1981-82; S.R.F., UDCT, BOMBAY, 1982-86; POST DOC. FELLOW, USA, 1986-89; POOL OFFICER, N.C.L., 1990-92; SCIENTIST B, N.C.L. SINCE APRIL, 1992.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 15, TEACHING - 1, QUALITY CONTROL - 1.

2149

DR S B PANDIT; (B. MAY 9, 1964),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : D.S.C.T. PAINT PRODUCTION - TECH. INST., PUNE '84; B.SC. CHEMISTRY - POONA '85; M.SC. ORGANIC CHEMISTRY - POONA '87; PH.D. POLYMER CHEMISTRY - POONA '93.

SPECIALISATIONS : POLYMERS; ORGANIC CHEMISTRY; PAINTS.

EXPERIENCE : TRAINEE, GARWARE PAINTS, BOMBAY, 1983; TRAINEE, ASIAN PAINTS, 1984; PROJECT ASSISTANT, J.R.F. AND S.R.F., N.C.L., 1987-92; SCIENTIST B, N.C.L. SINCE MAY, 1992.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 1.

2150

MRS V A PARASHARAMI; (B. JUL. 20, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. BOTANY - BHOPAL '78; M.SC. BOTANY - BHOPAL '80; M.PHIL. MICROBIOLOGY - BHOPAL '81.

SPECIALISATIONS : PLANT TISSUE CULTURE; MICROBIOLOGY; BIOTECHNOLOGY EVALUATION.

EXPERIENCE : S.S.A. AND SCIENTIST A, N.C.L., 1983-88; SCIENTIST B, N.C.L. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH ON PLANT TISSUE CULTURE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PATENTS FILED - 3.

AWARDS & DISTINCTIONS : CSIR TECHNOLOGY AWARD, 1990; F I E FOUNDATION AWARD, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10.

2151

MR A S PATIL; (B. JUNE 30, 1955),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '76; M.SC. ORGANIC CHEMISTRY - SHIVAJI '83.

SPECIALISATIONS : SYNTHESIS AND MODIFICATION OF POLYMERS; MODIFICATION OF NATURAL RUBBER; SURFACE MODIFICATION OF POLYSYTRENE FOR BIOMEDICAL APPLICATIONS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1978-92; SCIENTIST B, N.C.L. SINCE 1992.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PROCESSED DEVELOPED - 2, PATENTS UNDER UTILISATIONS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 10.

2152

MR J A PIRES; (B. FEBRUARY 13, 1940),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - POONA '62.

EXPERIENCE : LAB. ASSTT., CHELSEA C.L., 1962-63; ASSTT. TEACHER, ORNELLAS HIGH SCHOOL, 1963-64; TECHNICAL OFFICER (B), N.C.L. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH.

2153

MRS V S PORE; (B. APR. 9, 1956),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2154

MR G PRABHAKARAN; (B. DECEMBER 6, 1961),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '84; M.B.A. FINANCE AND MARKETING - BHARATHIDASAN '86.

EXPERIENCE : ASSISTANT OFFICER, J.K. SYNTHETICS, KOTA, 1988-90; SCIENTIST B, N.C.L. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : COSTING, BUDGETING AND PROJECT MONITORING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3.

2155

DR(MRS) ASMITA PRABHUNE; (B. JUNE 30, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. MICROBIOLOGY - POONA '77; M.SC. MICROBIOLOGY - POONA '79; PH.D. MICROBIOLOGY - POONA '92.

SPECIALISATIONS : MICROBIOLOGY; ENZYMOLOGY; MICROBIAL TECHNOLOGY.

EXPERIENCE : S.S.A. AND SCIENTIST A, N.C.L., 1982-88; SCIENTIST B, N.C.L. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS TAKEN - 6, PATENTS FILED CURRENTLY - 1, PROCESSES DEVELOPED - 1, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5.

2156

MR D B PRADHAN; (B. FEBRUARY 13, 1951),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2157

MS A K PURANIK; (B. NOVEMBER 22, 1962),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2158

DR(MRS) V G PURANIK; (B. SEPTEMBER 24, 1953),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) PHYSICS - BANGALORE '72; M.SC. SOLID STATE PHYSICS - BANGALORE '74; PH.D. PHYSICS - X-RAY CRYSTALLOGRAPHY - BANGALORE '83.

SPECIALISATIONS : X-RAY CRYSTALLOGRAPHY.

EXPERIENCE : J.R.F., S.R.F. AND RESEARCH ASSOCIATE, N.C.L., 1975-88; SCIENTIST B, N.C.L. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D IN X-RAY DIFFRACTION.

LANGUAGES : MARATHI, KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 38.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15.

2159

DR P R RAJAMOHANAN; (B. NOVEMBER 17, 1956),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - KERALA '77; M.SC. APPLIED CHEMISTRY - COCHIN '80; PH.D. CHEMISTRY - POONA '87.

SPECIALISATIONS : NMR SPECTROSCOPY; POLLUTION CONTROL; PETROLEUM, PETROCHEMICALS AND HIGH POLYMERS.

EXPERIENCE : J.R.F., S.R.F., CHEMIST AND RESEARCH ASSOCIATE, N.C.L., 1980-90; SCIENTIST B, N.C.L. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 10, APP. RES. - 2, PILOT PLANT - 2.

2160

SHRI RAMA RATNAM; (B. APR. 23, 1963),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., DELHI '85.

SPECIALISATIONS : PROCESS CONTROL.

EXPERIENCE : DESIGN ENGINEER, THERMAX PVT. LTD., PUNE, 1985-87; SCIENTIST B, N.C.L. SINCE MAY, 1988.

PRESENT ACTIVITIES : DESIGN AND SIMULATION OF HEAT EQUIPMENT.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, DESIGN - 8.

2161

MR S R ROJATKAR; (B. MARCH 9, 1956),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - MARATHWADA '79; M.SC. CHEMISTRY - POONA '89.

SPECIALISATIONS : CHEMISTRY OF NATURAL PRODUCTS; PEST CONTROL AGENTS OF BOTANICAL ORIGIN; ISOLATION OF SESQUITERPENES, TRITERPENES, DITERPENES.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., 1980-90; SCIENTIST B, N.C.L. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : R & D; CHEMISTRY OF NATURAL PRODUCTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS FILLED - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 4.

2162

MR V T SATHE; (B. JUN. 1, 1953),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - SHIVAJI '74; M.SC. CHEMISTRY - SHIVAJI '83.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., 1975-90; SCIENTIST B, N.C.L. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : OPERATIONAL WORK OF NMR + H P L C.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, OPERATION - 8.

2163

MR D D SAWAIKAR; (B. DECEMBER 15, 1950),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - NAGPUR '72; M.SC. CHEMISTRY - POONA '83.

SPECIALISATIONS : CHEMISTRY OF NATURAL PRODUCTS; INHIBITION ACTIVITY OF NEEM OIL; SYNTHESIS OF B-LACTAM ANTIBIOTICS.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., 1972-87; SCIENTIST B, N.C.L. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS FILED CURRENTLY - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 7.

2164

MR CHANDAN M SHAH; (B. OCTOBER 12, 1959),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - MYSORE '84.

SPECIALISATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : CHEMICAL ENGINEER, N.C.L., 1984-87; SCIENTIST B, N.C.L. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN COATING METHODS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 6, OPERATION - 6, TESTING - 6, MAINTENANCE - 9.

2165

MR G D SHAHAPURE; (B. MARCH 25, 1942),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '64; M.SC. INORGANIC CHEMISTRY - POONA '66.

SPECIALISATIONS : INORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : CHEMIST, DIRECTORATE OF GEOLOGY & MINING, MAHARASHTRA, 1968-71; S.L.A., J.S.A. AND S.S.A., N.C.L., 1974-85; SCIENTIST B, N.C.L. SINCE APRIL, 1985.

PRESENT ACTIVITIES : INORGANIC CHEMICAL ANALYSIS; QUALITY CONTROL AND TESTING.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 1, TESTING - 20, QUALITY CONTROL - 20.

2166

MR V K SHARMA; (B. JANUARY 11, 1947),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2167

DR R F SHINDE; (B. OCTOBER 24, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : M.SC.; PH.D.

SPECIALISATIONS : EPR SPECTROSCOPY.

EXPERIENCE : SCIENTIST B, N.C.L. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : EPR SPECTROSCOPY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL : 21).

2168

MR R W SHINDE; (B. DECEMBER 11, 1948),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. PHYSICAL CHEMISTRY - POONA '81.

SPECIALISATIONS : PROCESS DESIGN AND DEVELOPMENT.

EXPERIENCE : CHEMIST, N.C.L., 1972-74; SHIFT CHEMIST, SAHAYADRI DYES & CHEMICAL, POONA, 1974-75; S.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L.. 1974-85; SCIENTIST B, N.C.L. SINCE NOVEMBER. 1985.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND CONSULTANCY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APPLIED RES. - 12, PILOT PLANT - 6.

2169

MR V L SHINGANKULI; (B. MAY 20, 1960),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - KARNATAK '80; B.SC.(TECH.) PLASTIC TECHNOLOGY - BOMBAY '83; PH.D. CHEMISTRY - BOMBAY '90.

SPECIALISATIONS : PLASTIC TECHNOLOGY.

EXPERIENCE : SCIENTIST B, N.C.L. SINCE SEPTEMBER, 1988. PRESENT ACTIVITIES: R & D.

2170

MRS M V SHIRGURKAR; (B. JUN. 27, 1957),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. BOTANY - POONA '77; M.SC. BOTANY - POONA '79.

SPECIALISATIONS : PLANT TISSUE CULTURE; CYTOGENETICS AND PLANT BREEDING.

EXPERIENCE : JUNIOR LECTURER, H.H.C.P. HIGH SCHOOL, PUNE, 1979; S.L.A., J.S.A., S.S.A., AND SCIENTIST A, N.C.L., 1980-90; TECHNICAL OFFICER (B), N.C.L. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, PILOT PLANT - 5.

2171

MR G P SHRIDHAR; (B. DECEMBER 22, 1967),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2172

DR PARSHURAM G SHUKLA; (B. JULY 26, 1957),

SCIENTIST B. NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '78; M.SC. CHEMISTRY - POONA '84; PH.D. CHEMISTRY - POONA '92.

SPECIALISATIONS : CONTROLLED RELEASE TECHNOLOGY; POLYMER CHARACTERIZATION; POLYMER SYNTHESIS; PESTICIDES.

EXPERIENCE : CHEMIST, SWASTIC RUBBER, PUNE, 1978-79; J.L.A., J.S.A., S.S.A. AND SCIENTIST A, N.C.L., 1979-92; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 2, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 11, TESTING - 1, QUALITY CONTROL - 1.

2173

DR A SUDALAI; (B. MAY 1, 1956),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY. PUNE.

QUALIFICATIONS : PH.D. ORGANIC CHEMISTRY.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B, N.C.L. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : SYNTHETIC OF ORGANIC COMPOUNDS.

LANGUAGES : TAMIL, KANNADA, MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : - 8.

2174

DR C G SURESH; (B. NOVEMBER 2, 1955),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '76; M.SC. PHYSICS - I.I.T., MADRAS '79; D.I.I.SC. MOLECULAR BIOPHYSICS - I.I.SC., BANGALORE '80; PH.D. MOLECULAR BIOPHYSICS - I.I.SC., BANGALORE '85.

SPECIALISATIONS : X-RAY CRYSTALLOGRAPHY; BIOPHYSICS; COMPUTER PROGRAMMING; PROTEINS.

EXPERIENCE : RESEARCH ASSOCIATE, I.I.SC., BANGALORE, 1985-87; SCIENTIST B, N.C.L. SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D IN PROTEIN CRYSTALLOGRAPHY.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10.

2175

DR(MRS) A S TAMBE; (B. DECEMBER 2, 1958),

TECHNICAL OFFICER (B), NATIONAL CHEMICAL LABORATORY, PUNE.

2176

DR S S TAMBE; (B. FEBRUARY 28, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - BOMBAY '78; M.SC. - ANALYTICAL CHEMISTRY - BOMBAY '80; PH.D. CHEMISTRY - BOMBAY '86.

SPECIALISATIONS : COMPUTER SIMULATION AND OPTIMIZATION; CHEMICAL REACTION ENGINEERING; NUMERICAL METHODS IN CHEMICAL ENGINEERING; NONLINEAR PHENOMENON; ARTIFICIAL NEURAL NETWORKS.

EXPERIENCE : SCIENTIST B, N.C.L., SINCE APRIL, 1987; (ALSO POST-DOCTORAL RESEARCH ASSOCIATE, U.S.A. 1990-91).

PRESENT ACTIVITIES : COMPUTER SIMULATION IN CHEMICAL ENGINEERING; APPLICATIONS OF ARTIFICIAL NEURAL NETWORKS TO CHEMISTRY AND CHEMICAL ENGINEERING PROBLEMS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A. .

PUBLICATIONS & PATENTS : RES. PAPERS - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2177

MR D THOMAS; (B. JUN. 27, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - KERALA '71; M.SC. CHEMISTRY - KERALA '73.

SPECIALISATIONS : DYES AND INTERMEDIATES; DRUGS AND DRUG INTERMEDIATES.

EXPERIENCE : CHEMIST, N.C.L., 1974; RESEARCH CHEMIST, DELHI PESTICIDES PVT. LTD., FARIDABAD, 1974-76; DEVELOPMENT CHEMIST, HAICHEM LTD., HYDERABAD, 1976; RESEARCH CHEMIST, SPARC CHEMICALS, PUNE, 1977-81; S.S.A., N.C.L., 1981-86; SCIENTIST B, N.C.L. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN DYES, DRUGS AND DRUG INTERMEDIATES.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 9, TECHNOLOGY TRANSFER - 1.

2178

MR B N THORAT; (B. MAY 25, 1965),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - BOMBAY '87; M.E. CHEMICAL ENGINEERING - BOMBAY '89; DIPLOMA IN HIGHER S & T, C.A.D. - B.I.T.S., PILANI '91.

SPECIALISATIONS : BIOCHEMICAL ENGINEERING; COMPUTER APPLICATIONS TO BIOCHEMICAL ENGINEERING; FERMENTATION TECHNOLOGY.

EXPERIENCE : SCIENTIST B, N.C.L. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, KANNADA, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 4.

2179

DR S M TOKE; (B. APR. 1, 1950),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '71; M.SC. ORGANIC CHEMISTRY - POONA '81; PH.D. CHEMISTRY - POONA '90.

SPECIALISATIONS : CHEMISTRY; PROCESS DEVELOPMENT.

EXPERIENCE : ASSISTANT TEACHER, 1972-73; ANALYTICAL CHEMIST, SWASTIK HOUSEHOLD INDUSTRY, AMBARNATH, 1973; S.L.A. AND SCIENTIST A, N.C.L., 1973-84; SCIENTIST B, N.C.L. SINCE JULY, 1984.

PRESENT ACTIVITIES : R & D IN PYRETHROIDS.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS FILED - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APPLIED RES. - 1, TEACHING - - 1.

2180

MRS R J VARMA; (B. JULY 15, 1951),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '71; M.SC. CHEMISTRY - POONA '81.

SPECIALISATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A. AND J.S.A., N.C.L., 1972-84; SCIENTIST B, N.C.L. SINCE JULY, 1984.

PRESENT ACTIVITIES : RESEARCH.

2181

MR V S VENKATESAN; (B. MAY 28, 1958),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '80; M.ENGG. CHEMICAL ENGINEERING - UNIVERSITY OF ALBERTA, CANADA '83.

SPECIALISATIONS : PROCESS CONTROL; REACTION ENGINEERING; MODELLING AND SIMULATION; COMPUTER SOFTWARE DEVELOPMENT.

EXPERIENCE : SCIENTIST B, N.C.L. SINCE SEPTEMBER 1987.

PRESENT ACTIVITIES : DESIGN OF REACTORS; MODELLING; CATALYSIS.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, FRENCH.

VISITED : CANADA.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, TEACHING - 2.

2182

MR J G WADKAR; (B. JULY 17, 1950),

SCIENTIST B, NATIONAL CHEMICAL LABORATORY, PUNE.

2183

MR R N AKKADKAR; (B. SEPTEMBER 29, 1935),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2184

MR S B BENDRE; (B. MARCH 4, 1947),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2185

MR V B CHAVAN; (B. JUNE 1, 1957),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2186

MR V R CHUMBHALE; (B. MAY 1, 1954),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - POONA '75; M.SC. CHEMISTRY - POONA '84; PH.D. CHEMISTRY - SHIVAJI '93.

SPECIALISATIONS : HETEROGENEOUS CATALYSIS; CATALYST EVALUATION; SORPTION CHROMATOGRAPHY; SYNTHESIS OF ZEOLITES/CATALYST PREPARATION.

EXPERIENCE : ASSISTANT TEACHER, A.V.A. EDUCATION SOCIETY, AGASTI, THANA, 1975-76 J.L.A., S.L.A., J.S.A. AND S.S.A., N.C.L., 1976-92; (ALSO ADVANCED TRAINING IN ZEOLITES SYNTHESIS, U.S.A. UNDER UNIDO FELLOWSHIP, 1990-91); SCIENTIST A, N.C.L. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : APPLLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.S.R., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS FILED - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTOINS : ICICI TECHNOLOGY AWARD FOR DEVELOPMENT OF CATALYST, 1993.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, TEACHING - 1.

2187

MR N B DAHIBHATE; (B. APRIL 18, 1955),

DOCUMENTATION OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - MARATHWADA '74; B.LIB.SCIENCE LIBRARY SC. - MARATHWADA '75; M.LIB.SCIENCE LIBRARY MANAGEMENT - POONA '86.

SPECIALISATIONS : LIBRARIANSHIP; DOCUMENTATION AND INFORMATION; MANAGEMENT.

EXPERIENCE : JUNIOR LIBRARIAN, SETH G.S. COLLEGE, BOMBAY, 1975-76; JUNIOR LIBRARIAN, J.D.A. AND S.D.A., N.C.L., 1976-89; DOCUMENTATION OFFICER (A), N.C.L. SINCE 1989.

PRESENT ACTIVITIES : DOCUMENTATION.

LANGUAGES : ENGLISH, MARATHI, HINDI.

PUBLICATIONS & PATENTS : ARTICLES - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 18.

2188

MRS VIDYA DALVI; (B. NOVEMBER 10, 1952),

LIBRARY OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. POONA '72; B.LIB.SC. - POONA '74; M.LIB.I.SC. - POONA '84.

EXPERIENCE : JUNIOR LIBRARIAN, J.S.A. AND S.S.A., N.C.L., 1974-88; LIBRARY OFFICER (A), N.C.L. SINCE APRIL, 1988.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 19.

2189

MRS S S DESHMUKH; (B. DECEMBER 18, 1952),

SCIENTIST A, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - BOMBAY '72; M.SC. BIOCHEMISTRY - BOMBAY '74.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., 1981-91; SCIENTIST A, N.C.L. SINCE 1991.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13.

2190

MR R K DHINGRA; (B. JUNE 28, 1936),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2191

(DR) MRS S M GAIKWAD; (B. MARCH 12, 1960),

SCIENTIST A, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - PUNE '79; M.SC. BIOCHEMISTRY - PUNE '81; PH.D. BIOCHEMISTRY - PUNE '90.

SPECIALISATIONS : BIOCHEMISTRY; ENZYMOLOGY; MICROBIAL TECHNOLOGY; CARBOHYDRATE PROTEIN INTERACTIONS.

EXPERIENCE : S.S.A., N.C.L., 1982-87; SCIENTIST A, N.C.L. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : MARATHI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS FILED CURRENTLY - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 8, APP. RES. - 3.

2192

MR P D GODBOLE; (B. DECEMBER 24, 1948),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2193

MRS A D GUNJAL; (B. APRIL 30, 1955),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2194

MR M Y GUPTE; (B. JUNE 1, 1954),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2195

MR ARUN S JADHAV; (B. DECEMBER 12, 1955),

SCIENTIST A, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. CHEMISTRY - POONA '78; M.SC. ORGANIC CHEMISTRY - POONA '80.

SPECIALISATIONS : POLYMER CHEMISTRY; SYNTHESIS AND CHARACTERISATION OF POLYMERS.

EXPERIENCE : S.S.A., N.C.L., 1982-89; SCIENTIST A, N.C.L. SINCE MAY, 1989.

PRESENT ACTIVITIES : SYNTHESIS OF POLYCARBONATE BY NON-PHOSGENE ROUTE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS TAKEN - 3, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 11.

2196

MR C N JOSHI; (B. JANUARY 4, 1955),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2197

SHRI ANIL DINKAR KULKARNI; (B. MAY 7, 1952),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - POONA '72; LL.B. LAW - POONA '89; D.LL. & L.W. LABOUR LAW - POONA '84; HIGH DIPLOMA IN S & T - B.I.T.S.. PILANI '92.

SPECIALISATIONS : ANALYTICAL CHEMISTRY; PATENTS AND IPR; LABOUR LAW; LEGAL ASPECTS OF TECHNOLOGY TRANSFER.

EXPERIENCE : TECHNICAL PRODUCTION ASSISTANT, SCIENTIFIC ASSISTANT III AND SCIENTIFIC ASSISTANT II, H.A. LTD., PUNE, 1973-91; TECHNICAL OFFICER (A), N.C.L. SINCE 1991.

PRESENT ACTIVITIES : R & D

LANGUAGES : MARATHI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 13, QUALITY CONTROL - 5, PRODUCTION - 5, TECH. TRANSFER - 3.

2198

MRS S S KUNTE; (B. JUNE 18, 1958),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2199

MR R B NAIDU; (B. MAY 27, 1957),

SCIENTIST A, NATIONAL CHEMICAL LABORATORY, PUNE.

QUALIFICATIONS : B.SC. - PUNE '78; M.SC. BIOCHEMISTRY - PUNE '88.

SPECIALISATIONS : PLANT TISSUE CULTURE; BIOCHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., N.C.L., 1979-91; SCIENTIST A, N.C.L. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : TELUGU, TAMIL, HINDI, KANNADA, MARATHI.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14.

2200

MR P S OZARDE; (B. FEBRUARY 1, 1947),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2201

MRS P V PAWAR; (B. MAY 16, 1954),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2202

MR S C SHAH; (B. JUNE 1, 1955),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

2203

MRS G A THITE; (B. JANUARY 8, 1947),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

2204

DR P V VAIDYA; (B. MARCH 18, 1946),

TECHNICAL OFFICER (A), NATIONAL CHEMICAL LABORATORY, PUNE.

CENTRAL ELECROCHEMICAL RESEARCH INSTITUTE

2205

DR G V SUBHA RAO; (B. DECEMBER 12, 1940),

DIRECTOR, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - S.V. UNIV. '62; PH.D. SOLID STATE CHEMISTRY - I.I.T., KANPUR '69.

SPECIALISATIONS : SOLID STATE CHEMISTRY; MATERIALS SCIENCE; PHYSICAL CHEMISTRY: ELECTRONIC AND MAGNETIC MATERIALS.

EXPERIENCE : LECTURER, NAGPUR UNIVERSITY, 1962-64; R.A., IBM RESEARCH CENTRE, N.Y., U.S.A., 1971-74; ASSOCIATE PROFESSOR AND PROFESSOR & HEAD, I.I.T., MADRAS, 1975-92; DIRECTOR, C.E.C.R.I. SINCE DECEMBER, 1992.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

VISITED : U.S.A., W. GERMANY, SINGAPORE.

PUBLICATIONS & PATENTS : RES. PAPERS - 110, TECH. REPORTS - 2, ARTICLES - 16, PATENTS TAKEN - 1.

AWARDS & DISTINCTIONS : FELLOW, ROYAL SOCIETY OF CHEMISTS (UK), 1984; FELLOW, AMERICAN INSTITUTE OF CHEMISTRY, USA, 1985; FELLOW, INDIAN ACADEMY OF SCIENCES, 1990; FELLOW, NATIONAL ACADEMY OF SCIENCES, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 27, APPLIED RESEARCH - 16.

2206

DR K BALAKRISHNAN; (B. JUNE 15, 1935),

SCIENTIST F, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - OSMANIA '55; M.SC. CHEMISTRY - OSMANIA '57; PH.D. CHEMISTRY - MADURAI '75.

SPECIALIZATIONS : ELECTROCHEMISTRY; CORROSION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.E.C.R.I., 1957-88; (ALSO RESEARCH UNDER GERMAN ACADEMIC EXCHANGE SERVICE, W. GERMANY, 1960-61); SCIENTIST F, C.E.C.R.I. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : R & D IN CORROSION AND ITS CONTROL.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, BULGARIA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS -105, TECHNICAL REPORTS - 6, PATENTS TAKEN - 8, PATENTS FILED - 9, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30, APP. RES. - 25, CONSULTANCY - 18, TESTING - 23, EDITING - 4.

2207

DR G PRABHAKARA RAO; (B. OCTOBER 15, 1936),

SCIENTIST F, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANDHRA '57; M.SC. ANALYTICAL CHEMISTRY - ANDHRA '58; PH.D. ELECTROANALYTICAL CHEMISTRY - I.I.SC., BANGALORE '64.

SPECIALIZATIONS : ELECTROANALYTICAL CHEMISTRY; ELECTRODE KINETICS; ELECTROCHEMICAL SENSORS; ENVIRONMENTAL POLLUTION CONTROL.

EXPERIENCE : POST DOCTORAL RESEARCH, U.S.A., 1964-65; SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.E.C.R.I., 1966-88; SCIENTIST F, C.E.C.R.I. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMISTRY.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : U.S.A., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS -100 , PATENTS TAKEN - 2, PATENTS FILED - 3, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30, APP. RES. - 15, R & D MGMT. - 15, TEACHING - 10, EDITING-12.

2208

DR P N ANANTHARAMAN; (B. MAY 28, 1935),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '56; M.SC. CHEMISTRY - B.H.U. '59; PH.D. ELECTROCHEMISTRY - B.H.U. '77.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., N.M.L., JAMSHEDPUR, 1956-56; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1960-91; SCIENTIST EII, C.E.C.R.I. SINCE MARCH, 1991

PRESENT ACTIVITIES : RESEARCH IN ELECTROORGANIC CHEMISTRY.

LANGUAGES : TAMIL, MALAYALAM, KANNADA, HINDI, SANSKRIT, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 54, TECH. REPORTS - 4, ARTICLES - 13, POPULAR ARTICLES - 30, PATENTS TAKEN - 16, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : INDIAN MERCHANTS' CHAMBER AWARD FOR THE PROCESS ELECTROREDUCTION OF NITROBENZENE AND ANILINE, 1973; CERTIFICATE OF MERIT FOR BEST PAPER, ELECTROCHEMICAL SOCIETY OF INDIA, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 31.

2209

SHRI S ARUNACHALAM; (B. SEPTEMBER 23, 1941),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC CHEMISTRY - ANNAMALAI '63.

SPECIALIZATIONS : EDITING; INFORMATION SCIENCE; SCIENCE POLICY; SCIENTOMETRICS.

EXPERIENCES : J.S.A., S.T.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1963-92: SCIENTIST EII, C.E.C.R.I. SINCE MARCH, 1992.

PRESENT ACTIVITIES : EDITING; TEACHING; RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 25.

AWARDS & DISTINCTIONS : MEMBER, EDITORIAL BOARD, CURRENT CONTENTS, PHILADELPHIA, U.S.A.; MEMBER, EDITORIAL BOARD, JOURNAL OF INFORMATION SCIENCE, U.K.; MEMBER, EDITORIAL BOARD, SCIENCE, TECHNOLOGY AND DEVELOPMENT (COSTED. MADRAS); INVITED IN USA AND CANADA TO DELIVER TALKS ON CITATION ANALYSIS FOR THIRD WORLD COUNTRIES AND ON STATUS OF SCIENCE WRITING IN INDIA, 1985, 1986 AND 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 2, EDITING - 27, TEACHING (PART-TIME) - 10.

2210

SHRI S CHANDRASEKARAN; (B. SEPTEMBER 2, 1940),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CIVIL - MADRAS '63.

SPECIALIZATIONS : CORROSION TESTING.

EXPERIENCE : JUNIOR ENGINEER, I.I.T., MADRAS, 1963-64; JUNIOR ENGINEER. MADRAS PORT TRUST, 1964; RESEARCH ENGINEER, SCIENTIST B. SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1964-88; SCIENTIST EII, C.E.C.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 6, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 21, R&D MGMT. - 15, TESTING - 21, MAINTENANCE - 2.

2211

SHRI S CHIDAMBARAM; (B. OCTOBER 25, 1938),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - KERALA '60; M.SC. CHEMISTRY - KERALA '61.

SPECIALIZATIONS : ELECTROCHEMICALS; ELECTROANALYTICAL CHEMISTRY.

EXPERIENCE : LECTURER, FAROOK COLLEGE, KERALA, 1960-61; LECTURER, SCOTT CHRISTIAN COLLEGE, NAGERCOIL, 1961-63; S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1963-91: SCEINTIST EII, C.E.C.R.I. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ELECTROSYNTHESIS OF ORGANIC COMPOUNDS.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 33, PATENTS TAKEN - 14, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 28, DESIGN - 16, TECH. DEV. - 15, CONSULTANCY - 5, R & D MGMT. - 15.

2212

MRS MARY JULIANA CHOCKALINGAM; (B. JULY 14, 1940),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '59; M.SC. CHEMISTRY - MADRAS '62.

SPECIALIZATIONS : PHOTOCONDUCTIVITY; SEMICONDUCTORS; SOLAR CELLS.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1962-91; SCIENTIST EII, C.E.C.R.I. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : R & D IN LARGE AREA ELECTRODEPOSITION OF SEMICONDUCTOR TERNARY ALLOYS.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN, FRENCH, RUSSIAN, JAPANESE.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, TECH. REPORTS - 2, PATENTS TAKEN - 8, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR CADMIUM SULPHIDE PHOTOCONDUCTIVE CELLS, 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 27.

2213

SHRI K DAKSHINAMURTHI; (B. AUGUST 19, 1939),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '60; M.SC. CHEMISTRY - MADRAS '63.

SPECIALIZATIONS : BATTERIES.

EXPERIENCE : DEMONSTRATOR AND LECTURER, THIAGARAJAR COLLEGE, MADURAI, 1960-61, 1963-64; S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1964-90: SCIENTIST EII, C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : R & D IN BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. & REVIEW PAPERS - 33, PATENTS TAKEN - 4, PATENTS FILED - 4, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, R & D MGMT. - 18, TESTING - 18, TEACHING - 2.

2214

DR R GANGADHARAN; (B. MAY 15, 1938),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KERALA '60; M.SC. CHEMISTRY - KERALA '63; PH.D. ELECTROCHEMISTRY - KERALA '70.

SPECIALIZATIONS : BATTERIES; PLATING; ELECTROMETALLURGY; ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1963-90; (ALSO POST DOCTORAL RESEARCH IN ELECTRO- CHEMISTRY, W.GERMANY, 1971-72); SCIENTIST EII, C.E.C.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES.

LANGUAGES : TELUGU, MALAYALAM, TAMIL, SANSKRIT, HINDI, GERMAN.

VISITED : W. GERMANY, SRI LANKA.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 20.

2215

SHRI Y MAHADEVA IYER; (B. FEBRUARY 12, 1942),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICS - KERALA '68.

SPECIALIZATIONS : ELECTROCHEMICAL INSTRUMENTATION; ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., C.E.C.R.I., 1962-64; J.S.A., N.A.L., BANGALORE, 1964-65; J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1965-89; (ALSO TRAINING IN THE OPERATION OF SCANNING ELECTRON MICROSCOPE, JAPAN, 1983; SCIENTIST EII, C:E.C.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : DESIGN, DEVELOPMENT AND FABRICATION OF MEASURING AND CONTROL INSTRUMENTS; R & D IN CHEMICAL VAPOUR DEPOSITION AND ELECTRON MICROSCOPY.

LANGUAGES : MALAYALAM, TAMIL, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, ARTICLES - 10, PATENTS TAKEN - 2, PATENTS FILED - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25.

2216

DR V KRISHNAN; (B. MAY 23, 1941),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '61; M.SC. CHEMISTRY - MADRAS '63; PH.D. ORGANIC CHEMISTRY - DELHI '67.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1971-87; SCIENTIST EII, C.E.C.R.I. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D MANAGEMENT IN ORGANIC SYNTHESIS OF MONOMERS, POLYMERS AND SPECIALITY CHEMICALS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -58, TECH. REPORTS -5, PATENTS TAKEN - 17, PROCESSES DEVELOPED -15, CRITICAL REVIEWS - 10.

AWARDS & DISTINCTIONS : FERROGUARD AWARD IN ELECTROCHEMICAL TECHNOLOGY. 1984.

VISITED: U.S.A., FRANCE.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 10. APP. RES.-26, DESIGN & DEV - 10, PILOT PLANT - 4, R & D MGMT. -16, TEACHING - 6.

2217

SHRI A S LAKSHMANAN; (B. OCTOBER 22, 1937),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANNAMALAI '58; M.SC. PHYSICAL CHEMISTRY - ANNAMALAI '67.

SPECIALIZATIONS : SOLID STATE ELECTROCHEMISTRY; ELECTROCHEMICAL MATERIALS SCIENCE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1958-91; (ALSO TRAINING IN SINGLE CRYSTAL GROWING, UNDER BRITISH COUNCIL - C.S.I.R. EXCHANGE PROGRAMME, U.K., 1968-69); SCIENTIST EII, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN PHOTOELECTROCHEMICAL ENERGY CONVERSION. ELECTRODEPOSITION OF SEMICONDUCTORS AND MATERIALS SCIENCE.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 60. TECH. REPORTS - 1, ARTICLES - 4, PATENTS TAKEN - 2. PATENTS FILED - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 32, APP. RES. - 32.

2218

DR K C NARASIMHAM; (B. MAY 17, 1935)),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC - MADRAS '54; M.SC. CHEMISTRY - SRI VENKATESWARA '63; PH.D. ELECTROCHEMISTRY - SRI VENKATESWARA '74.

SPECIALIZATIONS : ELECTROCHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : J.L.A., J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI. C.E.C.R.I., 1954-87; (ALSO ADVANCED TRAINING IN ELECTROCHEMISTRY, FRANCE, 1967-68 AND TECHNICAL DIRECTOR M/S CHLORATE INDIA PVT. LTD., TIRUPATI, 1979-81); SCIENTIST EII, C.E.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT; EDITING.

LANGUAGES : TAMIL, TELUGU. ENGLISH, FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 82, TECH. REPORTS -15, REVIEW PAPERS -52, PATENTS TAKEN -24. PROCESSES DEVELOPED-22, PROCESSES UNDER UTILIZATION -14.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE PROCESS ON OXIDATION OF SODIUM CHLORIDE TO SODIUM PERCHLORATE, 1970; INVEN-

TIONS PROMOTION BOARD AWARD FOR PROCESS ON PREPARATION OF LEAD DIOXIDE ELECTRODES, 1972; INDIAN PAINTS ASSOCIATION AWARD FOR THE PROCESS ON ELECTROLYTIC PRODUCTION OF CUPROUS OXIDE, 1981; ALL INDIA INDUSTRIAL EXHIBITION AWARD FOR PREPARATION OF POTASSIUM CHLORATE FROM SODIUM CHLORIDE, 1968.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.-8, APP. RES.-32, TECH DEV & PILOT PLANT - 12, CONSULTANCY - 9, PRODN. & IND. MGMT. - 2, TECH. TRANSFER -14, - R&D MGMT. - 10, TECHNO-ECONOMIC SERVEYS - 5, PLANNING - 5.

2219

SHRI S R NATARAJAN; (B. APRIL 25, 1935),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANNAMALAI '56; M.A. - ANNAMALAI '58.

SPECIALIZATIONS : ELECTROPLATING; METAL FINISHING.

EXPERIENCE : J.T.A., PUBLICATIONS DIRECTORATE (C.S.I.R.), NEW DELHI, 1958-60; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I. 1960-90; SCIENTIST EII, C.E.C.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : R & D IN ELECTROPLATING; CONDUCTING REFRESHER COURSES IN ELECTROPLATING; CONSULTANCY; ASSISTING BUREAU OF INDIAN STANDARDS IN PREPARATION OF SPECIFICATIONS RELATING TO ELECTORPLATING AND METAL FINISHING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 80, REVIEW PAPERS - 40, TECH. REPORTS - 10, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 20, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, CONSULTANCY - 2, TESTING - 2, QUALITY CONTROL - 2, MAINTENANCE - 2, TEACHING - 5, SURVEY OF NATURAL RESOURCES - 1, DOCUMENTATION - 2.

2220

SHRI M RAGHAVAN; (B. JULY 15, 1943),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - MADRAS '64; M.E. MECHANICAL ENGINEERING - I.I.SC., BANGALORE '68.

SPECIALIZATIONS : AUTOMOBILE ENGINEERING; DESIGN AND FABRICATION OF CHEMICAL EQUIPMENT; ELECTROCHEMICAL ENGINEERING.

EXPERIENCE : SUPERINTENDENT, WATER WORKS & DRAINAGE WORKS, MADURAI MUNICIPALITY, 1964-66; ASSOCIATE LECTURER, COLLEGE OF ENGINEERING, GUINDY, MADRAS, 1968-70; ELECTRICAL AND MECHANICAL ENGINEER, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1970-87; SCIENTIST EII, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ELECTROFORMING, ELECTROCHEMICAL MACHINING, DESIGN & FABRICATION OF EQUIPMENT FOR ELECTROCHEMICAL RESEARCH; BATTERY OPERATED ELECTRIC VEHICLE; SOLAR ENERGY.

LANGUAGES ; TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECHNICAL REPORTS - 2, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, DESIGN - 17, TECH. DEV. - 17, OPERATION - 2, TEACHING - 2.

2221

DR(MISS) R VIJAYAVALLI; (B. JANUARY 15, 1939),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '59; M.SC. CHEMISTRY - MADRAS '64; PH.D. ELECTROCHEMISTRY - MADURAI KAMARAJ '80.

SPECIALIZATIONS : METAL POWDER; ELECTROMETALLURGY; BATTERIES; ELECTROCHEMISTRY; POLLUTION CONTROL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I. 1959-88; (ALSO TRAINING IN ELECTROCHEMICAL RESEARCH, UNDER GERMAN ACADEMIC EXCHANGE PROGRAMME, W. GERMANY, 1969-70); SCIENTIST EII, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : R & D IN POLLUTION CONTROL AND ELECTROCHEMISTRY OF NON- METALLIC MATERIALS.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 87, TECH. REPORTS - 21, PATENTS TAKEN - 10, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 8.

AWARDS & DISTINCTIONS : FELLOW, SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE & TECHNOLOGY, KARAIKUDI; FELLOW, ELECTROCHEMICAL SOCIETY OF INDIA; SMT CHANDABEN MOHANBHAI PATEL INDUSTRIAL RESEARCH AWARD FOR WOMEN, 1983 (VASVIK SPECIAL AWARD).

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 23, TECHNICAL DEV. - 20, PILOT PLANT - 10, CONSULTANCY - 10, R & D MGMT. - 15, TESTING - 20, QUALITY CONTROL - 20, MAINTENANCE - 5, PLANNING - 15, TECHNOLOGY TRANSFER - 10, ADMN. - 15.

2222

SHRI R VISWANATHAN; (B. JUNE 27, 1936),

SCIENTIST EII, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '52.

SPECIALIZATIONS : INDUSTRIAL ELECTROLYTICS; ELECTROMETALLURGY; INFORMATION DISSEMINATION; INDUSTRIAL LIAISON; DESIGN AND PRODUCTION OF SCIENTIFIC PUBLICATIONS.

EXPERIENCE : ASSISTANT CHEMIST, DEPTT. OF INDUSTRIES AND COMMERCE, MADRAS, 1952-53; S.L.A., J.S.A., S.S.A., P.A. (TECH.) TO DIRECTOR, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.E.C.R.I., 1953-85; (ALSO TRAINING IN ELECTROMETALLURGY, UNDER COLOMBO PLAN, AUSTRALIA, 1971); SCIENTIST EII, C.E.C.R.I. SINCE MARCH, 1985.

PRESENT ACTIVITIES : INFORMATION AND LIAISON; DESIGN AND PRODUCTION OF SCIENTIFIC PUBLICATIONS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, ARTICLES - 10, PATENTS TAKEN - 5, PATENTS FILED - 5, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, INFORMATION AND LIAISON - 19, DESIGN AND PRODUCTION OF SCIENTIFIC PUBLICATIONS -12.

2223

SHRI A L ALAGAPPAN; (B. SEPTEMBER 8, 1946),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '69.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : J.R.F., J.S.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1969-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.-2, APP. RES.-17.

2224

SHRI R BALASUBRAMANIAN; (B. JANUARY 14, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62; M.SC. - ANALYTICAL AND INORGANIC CHEMISTRY - MADRAS '70.

SPECIALIZATIONS : BATTERIES; METAL FINISHING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I.,1963-85; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 18, PATENTS TAKEN - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, TESTING - 6, APP. RES. - 23, TECHNOLOGY TRANSFER - 5, CONSULTANCY - 6.

2225

SHRI T M BALASUBRAMANYAN; (B. FEBRUARY 15, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '58; M.SC. CHEMISTRY - B.H.U. '70.

SPECIALIZATIONS : CORROSION AND ITS CONTROL.

EXPERIENCE : ASSTT. CHEMIST, M/S. HUGHS AND DAVIS, BOMBAY, 1958-60; ANALYTICAL CHEMIST, S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1960-87; SCIENTIST EI, C.E.C.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : RESEARCH; CORROSIN CONTROL IN CONCRETE STRUCTURES; DEV. OF INHIBITORS AND ANODES FOR CATHODIC PROTECTION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 40, PATENTS TAKEN - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 31, QUALITY CONTROL - 31.

2226

SHRI C CHAKKARAVARTHY; (B. DECEMBER 25, 1937),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) - ANNAMALAI '60; M.SC. ORGANIC CHEMISTRY - ANNAMALAI '61.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : CHEMICAL ASSTT. (GR. II), NEW CUSTOMS HOUSE, BOMBAY, 1961-63; LECTURER, K.M. COLLEGE, ADIRAMPATTINAM, 1963-64; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1964-89; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMICAL POWER SOURCES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 2, PATENTS FILED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, TESTING - 1, TEACHING - 1.

2227

SHRI R CHOKKAIYAN; (B. OCTOBER 12, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62; ASSOCIATESHIP IN DOCUMENTATION AND REPROGRAPHY - INSDOC, NEW DELHI '69.

SPECIALIZATIONS : DOCUMENTATION; LIAISON AND EXTENSION; TRAINING PROGRAMMES.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1964-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DOCUMENTATION, LIAISON AND EXTENSION; ORGANISATION OF TRAINING PROGRAMMES AND SEMINARS.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 1, EDITING - 10, DOCUMENTATION - 15, EXTENSION AND LIAISON - 18, TRAINING PROGRAMMES - 5.

2228

SHRI G DEVARAJ; (B. JULY 14, 1952),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. METALLURGY - MADRAS '75; M.TECH. METALLURGY - I.I.T., KANPUR '79.

SPECIALIZATIONS : FOUNDRY TECHNOLOGY; ELECTROMETALLURGY.

EXPERIENCE : S.S.A., C.E.C.R.I., 1979-80; SCIENTIST B, R.R.L., BHUBANESWAR, 1980-81; SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1981-90; SCIENTIST EI, C.E.C.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R& D IN METAL FINISHING.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, ARTICLES - 1, CONSULTANCE - 3, SPONSORED PROJECT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.-2, APP. RES.-10.

2229

SHRI M DEVASAHAYAM; (B. MAY 15, 1943),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRICAL - MADURAI '74.

SPECIALIZATIONS : ELECTRICAL ENGINEERING; BATTERY TECHNOLOGY.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT ON MAINTENANCE - FREE SEALED LEAD-ACID BATTERIES; TRACTION ON BATTERIES AND ELECTRIC VEHICLES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : KAMANI AWARD FOR DEVELOPMENT OF A PROCESS FOR LOW TEMPERATURE LEAD ACID BATTERY, 1972; INTERNATIONAL LEAD ZINC INFORMATION AWARD FOR LOW TEMPERATURE LEAD ACID BATTERY, 1974.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, CONSULTANCY - 2, CONSTRUCTION - 2, MAINTENANCE - 4.

2230

SHRI K S A GNANASEKARAN; (B. OCTOBER 5, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '60; A.I.C. ANALYTICAL CHEMISTRY - INSTITUTION OF CHEMISTS (INDIA) '64; M.SC. ELECTROCHEM. TECH. - CITY UNIVERSITY, LONDON '72; MITTELSTUFE (ADVANCED COURSE IN GERMAN LANGUAGE)- GOETHE INSTITUTE, PUNE.

SPECIALIZATIONS : ELECTROCATALYSIS; ELECTROINORGANIC CHEMISTRY; ELECTROPLATING; ELECTROANALYTICAL CHEMISTRY; PHYTOELECTROCHEMISTRY; SOIL ELECTROCHEMISTRY; ELECTROBIOLOGY.

EXPERIENCE : J.S.A., INDIAN COFFEE RESEARCH INSTT., 1958-60; DEMONSTRATOR, VHNSN COLLEGE, VIRUDHNAGAR, 1960-65; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1965-88; SCIENTIST EI, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, KANNADA, ENGLISH, GERMAN.

VISITED : SRI LANKA, U.K., FRANCE, BELGIUM, W. GERMANY, SWITZERLAND, HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 50, TECH. REPORTS - 2, ARTICLES - 7, PATENTS TAKEN - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 25, TESTING - 2, TEACHING - 5.

2231

SHRI O K GOPIDAS; (B. MARCH 23, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KERALA '59; B.SC. (ENGG.) MECHANICAL ENGINEERING - KERALA '64.

SPECIALIZATIONS : AIR CONDITIONING AND REFRIGERATION.

EXPERIENCE : TECHNICAL ASSISTANT, BHILAI STEEL PLANT, BHILAI, 1965-67; S.T.A., MECHANICAL ENGINEER, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1967-89; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : AIR CONDITIONING AND REFRIGERATION SERVICES; MAINTENANCE OF WATER SUPPLY AND BUILDINGS.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : FABRICATION & INSTALLATION - 2, MAINTENANCE OF AIR CONDITIONING AND REFRIGERATION SERVICES - 20.

2232

SHRI M HARIHARAN; (B. AUGUST 22, 1945)),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '67; M.SC. CHEMISTRY - MADURAI '70.

SPECIALIZATIONS : HIGH TEMPERATURE MATERIALS; HIGH TEMPERATURE RESISTANCE COATINGS; ELECTRIC ARC FURNACE PRODUCTS, CARBIDES, BORIDES, SILICIDES, ARC FURNACE DESIGN.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1969-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R&D IN HIGH TEMPERATURE MATERIALS, TITANIUM BORIDE, ALUMINUM SILICON ALLOY; EXPLORING AN ALTERNATE ROUTE FOR ALUMINIUM PRODUCTION

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS-22.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.-21, CONSULTANCY- 5, QUALITY CONTROL - 14, EDITING-3, PROCESSES RELEASED - 2, NO OF LICENCEES - 3.

2233

DR S VENKATA KRISHNA IYER; (B. APRIL 30, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KERALA '60; M.SC. CHEMISTRY - KERALA '63; PH.D. ELECTROCHEMISTRY - KERALA '70; P.G. DIPLOMA IN RADIOLOGICAL PHYSICS - B.A.R.C., BOMBAY '71.

SPECIALIZATIONS : CORROSION AND ITS CONTROL; BATTERIES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-88; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, MALAYALAM, HINDI, ENGLISH, RUSSIAN.

VISITED : SRI LANKA, BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, PATENTS TAKEN - 5, PATENTS FILED - 5, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 12, R & D MGMT. - 3.

2234

SHRI K JAYARAMAN; (B. FEBRUARY 23, 1945),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65; B.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '68.

SPECIALIZATIONS : ELECTROCHEMICAL ENGINEERING; ELECTROORGANIC CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1970-90; SCIENTIST EI, C.E.C.R.I. SINCE MAY, 1990.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN OF ELECTROLYTIC CELLS.

LANGUAGES : TAMIL. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 6, PATENTS TAKEN - 3, PATENTS FILED - 3, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 2, SPONSORED/CONSULTANCY PROJECTS COMPLETED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, DESIGN - 5, PILOT PLANT - 10.

2235

SHRI S JOHN; (B. MAY 31, 1950),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. METALLURGICAL ENGG. - MADRAS '72.

SPECIALIZATIONS : ELECTROPLATING; METAL FINISHING AND SOLAR ENERGY.

EXPERIENCE : J.S.A., S.T.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1972-90; (ALSO TRAINING IN ELECTROCRYSTALLIZATION OF ALLOYS, POLAND. 1978-79); SCIENTIST EI, C.E.C.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : R & D IN COATINGS FOR SOLAR THERMAL ENERGY CONVERSION, ELECTROFORMING AND ELECTROCRYSTALLIZATION.

LANGUAGES : TAMIL, ENGLISH, POLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 175, PATENTS TAKEN - 25, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 18, TECH. DEV. - 3.

2236

SHRI J A M ABDUL KADER; (B. MARCH 26, 1946)),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '68.

SPECIALIZATIONS : ELECTROCHEMICAL ENGINEERING; ELECTROWINNING AND REFINING.

EXPERIENCE : J.S.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1972-90 SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH, ARABIC.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, REVIEW PAPERS - 3, TECH. REPORTS - 4, PATENTS TAKEN - 2, PATENTS FILED - 2, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, TECH. DEV., PILOT PLANT AND CONSULTANCY (TOTAL: 21 YEARS).

2237

DR M KAMALUDEEN; (B. OCTOBER 18, 1940),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62; B.T. - MADRAS '63; A.I.C. - INSTITUTION OF CHEMISTS (INDIA) '72; PH.D 1990.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : J.L.A., S.L.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-91; SCIENTIST EI. C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ELECTROMETALLURGY, BETA ALUMINA AND NASICON TUBES FOR SODIUM SULPHUR BATTERY.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECHNICAL REPORTS - 2, PATENTS TAKEN - 4, PATENTS FILED- 1, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES - 24.

2238

SHRI D KANAGARAJ; (B. DECEMBER 7, 1943)),

SCIENTIST EI. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '70.

SPECIALIZATIONS : ELECTROCHEMISTRY; ANODIZING; ELECTROPOLISHING.

EXPERIENCE : GRADUATE APPRENTICE. S.L.A.. J.S.A.. S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C. C.E.C.R.I., 1964-91: SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY 1991.

PRESENT ACTIVITIES : R & D IN ANODIZING AND ELECTROPOLISHING.

LANGUAGES : TAMIL, ENGLISH

PUBLICATIONS & PATENTS : RES. PAPERS - 36, TECH. REPORTS - 3. PATENTS TAKEN - 11, PATENTS FILED - 11, PROCESSES DEVELOPED -4, PROCESSES UNDER UTILISATION -2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14. PILOT PLANT - 8, CONSULTANCY - 4.

2239

SHRI G N KANNAN; (B. DECEMBER 8, 1942),

TECHNICAL OFFICER (EI), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62.

SPECIALIZATIONS : MOLTEN SALT ELECTROWINNING AND ELECTROREFINING.

EXPERIENCE : J.L.A.. S.L.A., J.S.A.. S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1962-91; TECHNICAL OFFICER (EI), C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : ENERGY REDUCTION IN MOLTEN SALT ELECTROWINNING OF MOGNESIUM AND ELECTROREFINING.

LANGUAGES : KANNADA, TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -18. TECH. REPORTS - 2. PATENTS TAKEN - 5. PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR DEVELOPMENT OF PROCESS ON EXTRACTION OF ELECTROLYTIC MAGNESIUM. 1967; INVENTIONS PROMOTION BOARD MERIT CERTIFICATE FOR PROCESS DEVELOPMENT OF SYNTHETIC POTASSIUM CRYOLITE. 1973; NRDC AWARD FOR DEVELOPMENT OF IMPROVED MODULAR TYPE MAGNESIUM CELL, 1989; WIPO (UN) GOLD MEDAL FOR DEVELOPMENT OF MODULAR TYPE MAGNESIUM CELLS. 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 28. PILOT PLANT - 27, QUALITY CONTROL - 28, TECHNOLOGY TRANSFER - 8.

2240

SHRI N KARUPPANNAN; (B. JUNE 1, 1936),

SCIENTIST EI. C.E.C.R.I. MADRAS UNIT (CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI).

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS.

SPECIALIZATIONS : BATTERIES; DRY CELLS.

EXPERIENCE : S.L.A.. J.S.A.. S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C. C.E.C.R.I.. 1959-91: SCIENTIST EI. C.E.C.R.I. SINCE JUNE. 1991.

PRESENT ACTIVITIES : RESEARCH AND TESTING.

LANGUAGES : TAMIL. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7. PATENTS FILED - 4. PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR DEVELOPMENT OF SILVER OXIDE - ZINC ACCUMULATOR. 1969.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 18, TESTING - 14, QUALITY CONTROL - 10, EXTENSION - 12.

2241

DR T S KRISHNAMOORTHY; (B. SEPTEMBER 6, 1935),

MEDICAL OFFICER (EI). CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMSITRY - MADRAS '61; M.B.B.S. - MADRAS '70.

EXPERIENCE : ASSTT. RESEARCH OFFICER, J.I.P.M.E.R.. PONDICHERRY, 1971-72; MEDICAL OFFICER, SWAMI VIVEKANANDA MEDICAL MISSION, MADRAS, 1972-73; MEDICAL OFFICER (A), MEDICAL OFFICER (B) AND MEDICAL OFFICER (C). C.E.C.R.I., 1975-87; MEDICAL OFFICER (EI), C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : PROFESSIONAL PRACTICE.

LANGUAGES : TAMIL. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1. LECTURES IN TRAINING COURSES - 10. ADMN. - 16, PROFESSIONAL PRACTICE - 20.

2242

SHRI S KRISHNAMURTHY; (B. JANUARY 25, 1944),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING- ANNAMALAI '66

SPECIALIZATIONS : ANODE AND MEMBRANE CELL TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1967-88; SCIENTIST EI. C.E.C.R.I. SINCE OCTOBER. 1988.

PRESENT ACTIVITIES : R & D IN CHLOR ALKALI - DEVELOPMENT OF ANODE AND MEMBRANE CELL TECHNOLOGY.

LANGUAGES : TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9. TECH. REPORTS - 1, PATENTS TAKEN - 1. PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, DESIGN - 5, CONSULTANCY - 5.

2243

DR R M KRISHNAN; (B. AUGUST 15, 1942)),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '63; A.I.C.- INSTITUTION OF CHEMISTS. INDIA '80; PH.D. CHEMISTRY - I.S.M.. DHANBAD '90.

SPECIALIZATIONS : CHEMICAL ANALYSIS: ELECTROPLATING AND METAL FINISHING.

EXPERIENCE : ASSISTANT CHEMIST. PREMIER FERTILIZERS LTD., 1964-65; S.L.A., J.S.A.,.S.S.A., SCIENTIST A, SCIEN-

TIST B AND SCIENTIST C, C.E.C.R.I., 1965-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ELECTROPLATING AND METAL FINISHING.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS -50, TECH. REPORTS -3, REVIEW PAPERS - 9, PATENTS TAKEN- 2, PATENTS FILED - 2, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILIZATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TEACHING - 2, CONSULTANCY - 2, SPONSORED PROJECTS - 2.

2244

DR J KUPPUSAMI; (B. FEBRUARY 2, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '58; M.SC. PHYSICS - MADRAS '62; PH.D PHYSICS - MADURAI KAMARAJ '85.

SPECIALIZATIONS : ULTRASONICS; SOLID STATE ELECTROCHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1960-87; SCIENTIST EI, C.E.C.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : R & D IN SOLID ELECTROLYTES.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 46, TECHNICAL REPORTS - 1, ARTICLES - 13, PATENTS FILED - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 30.

2245

MRS ALICE KURIAN; (B. APRIL 4, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KERALA '61; M.SC. CHEMISTRY - KERALA '68.

SPECIALIZATIONS : SOLID STATE PHYSICS; MAGNETOCHEMISTRY; SPECTROSCOPY.

EXPERIENCE : DEMONSTRATOR, ST. JOSEPH'S COLLEGE, ALLEPPEY, KERALA, 1961-63; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-90; SCIENTIST EI, C.E.C.R.I. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH, GERMAN, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 4, PATENTS FILED - 1, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 15, MAINTENANCE - 4, TEACHING - 2.

2246

SHRI B M LOGANATHAN; (B. JANUARY 22, 1940),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRONICS - MADRAS'68.

SPECIALIZATIONS : INSTRUMENTATION; TESTING AND CALIBRATION.

EXPERIENCE : S.S.A., H.R.P.U., DEHRADUN, 1969-70; S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.P.L., NEW DELHI, 1970-90; SCIENTIST EI, N.P.L., NEW DELHI, 1984-90; SCIENTIST EI, C.E.C.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : TESTING AND CALIBRATION OF ELECTROCHEMICAL INSTRUMENTS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 7, TESTING - 9, MAINTENANCE - 4.

2247

SHRI T P MADHAVAN; (B. JANUARY 15, 1935),

SCIENTIST EI, C.E.C.R.I. COCHIN UNIT (CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI).

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '57.

SPECIALIZATIONS : FUSED SALT ELECTROLYSIS; INFORMATION DISSEMINATION; LIAISON.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1958-89; (ALSO TRAINING IN FUSED SALT, CZECHOSLOVAKIA, 1969-70); SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH; INFORMATION DISSEMINATION AND LIAISON.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 4, ARTICLES - 6, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR MISCH METAL PROCESS, 1967; FELLOW, SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE & TECHNOLOGY, KARAIKUDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 17, DESIGN - 5, PILOT PLANT - 3, CONSULTANCY - 3, TESTING - 15, TEACHING - 1, TECHNO- ECONOMIC SURVEYS - 2, TECHNOLOGY TRANSFER - 12, EXTENSION - 12.

2248

DR DWIJOTTAM MUKHERJEE; (B. APRIL 4, 1943),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - CALCUTTA '62; A.M.I.I.M. - INDIAN INSTITUTE OF METALS '73; A.I.C. - INSTITUTION OF CHEMISTS '73; PH.D (APPLIED CHEMISTRY) - INDIAN SCHOOL OF MINES '87.

SPECIALIZATIONS : METALLURGICAL QUALITY CONTROL; CORROSION AND ITS CONTROL.

EXPERIENCE : S.L.A., J.S.A., S.S.A., C.M.R.S., DHANBAD, 1966-80; SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1980-90; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN CORROSION AND CORROSION METALLURGY.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. PAPERS - 80, TECH. REPORTS - 25, SCIENTIFIC BOOKS - 1. PATENTS - 1.

AWARDS & DISTINCTIONS : AWARD FOR DEVELOPING A TABLE CORRELATING CRACK-MORPHOLOGY WITH DETERIORATION. NATIONAL PRODUCTIVITY COUNCIL, 1979.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 12. DESIGN - 1. TECH. DEV. - 7, PILOT PLANT - 1, CONSULTANCY - 4, R & D MGMT. - 7, TESTING - 14, QUALITY CONTROL - 14, TECHNO-ECONOMIC SURVEYS - 1, EDITING - 5. TEACHING - 3.

2249

SHRI M NAGALINGAM; (B. SEPTEMBER 6, 1937),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '60; M.SC. PHYSICAL CHEMISTRY - ROORKEE '75.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; INORGANIC CHEMISTRY; ELECTROCHEMISTRY.

EXPERIENCE : DEMONSTRATOR. ALAGAPPA COLLEGE. 1960-61; S.L.A.. J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1961-88; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 6.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD, 1970; INDIAN PAINTS ASSOCIATION AWARD, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 18, DESIGN - 5, PILOT PLANT -13, CONSULTANCY - 7, R & D MGMT. - 5, QUALITY CONTROL - 10. PRODN. - 10. IND. MGMT. - 5, TEACHING - 1, TECHNO-ECONOMIC SURVEYS - 2, PLANNING - 10.

2250

SHRI K NAKKEERAN; (B. OCTOBER 6, 1943),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. MATHEMATICS - MADRAS '66; B.E. ELECTRICAL - MADRAS '69.

SPECIALIZATIONS : ELECTRICAL ENGINEERING: ELECTROTHERMAL PRODUCTS.

EXPERIENCE : ASSOCIATE LECTURER, A.C. COLLEGE OF ENGINEERING & TECHNOLOGY, KARAIKUDI, 1969-75; J.T.A., S.T.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1975-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ELECTROTHERMAL PRODUCTS AND ELECTRICAL ENGINEERING; ELECTRICAL MAINTENANCE.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, CONSULTANCY - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12. TEACHING - 5.

2251

DR P N NARAYANAN NAMBOODIRI; (B. MAY 29, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KERALA '61; M.SC. CHEMISTRY - B.H.U. '68; PH.D. CHEMISTRY - B.H.U. '76.

SPECIALIZATIONS : BATTERIES; METAL FINISHING; INORGANIC CHEMICALS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1962-90; SCIENTIST EI, C.E.C.R.I. SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : R & D IN BATTERIES.

LANGUAGES : MALAYALAM, HINDI, TAMIL, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8. APP. RES. - 15. PILOT PLANT - 1.

2252

SHRI V LAKSHMI NARASIMHAN; (B. NOVEMBER 13, 1937),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '59; M.SC. CHEMISTRY - MADRAS '64.

SPECIALIZATIONS : ALUMINIUM AND TANTALUM FOIL FOR ELECTROLYTIC CAPACITORS: SURFACE GRAINING AND ANODIZING OF ALUMINIUM FOR LITHO PLATES: SURFACE TREATMENT AND ANODIZING OF ALUMINIUM.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA ARTS COLLEGE, KARAIKUDI, 1962; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1962-90: SCIENTIST EI, C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ANODISING OF ALUMINIUM AND ITS ALLOYS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, TECH. REPORTS - 4, PATENTS TAKEN - 15, PATENTS FILED - 15, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16. PILOT PLANT - 8, CONSULTANCY - 4.

2253

SHRI K NARAYANAN; (B. AUGUST 17, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. MATHEMATICS AND STATISTICS - MADRAS '61.

SPECIALIZATIONS : SCIENCE PLANNING; PROJECT EVALUATION; STATISTICAL ANALYSIS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1962-89; SCIENTIST EI, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : SCIENCE PLANNING; PROGRAMMING AND EVALUATION OF PROJECTS; STATISTICAL ANALYSIS; SCIENCE REPORTING.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, R & D MGMT. - 26, PLANNING - 26.

2254

SHRI S PALANICHAMY; (B. DECEMBER 15, 1935),

SCIENTIST EI, C.E.C.R.I. MADRAS UNIT (CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI).

QUALIFICATIONS : B.SC. - MADRAS '58; CERT. IN BUSINESS MANAGEMENT - DEPTT. OF INDUSTRIES AND COMMERCE, MADRAS '78.

SPECIALIZATIONS : ELECTROCHEMICAL TECHNOLOGY; BATTERIES; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1959-89; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN STORAGE BATTERIES; IMPARTING TRAINING ON BATTERY TECHNOLOGY; TESTING OF BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 3, ARTICLES - 2, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTIONS : COMINCO BINANI AWARD FOR DEVELOPING IMPROVED LEAD ACID BATTERIES, 1978.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, TESTING - 3, TEACHING - 1.

2255

DR S PUSHPAVANAM; (B. JULY 22, 1945),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC.- MADRAS '64; M.SC. PHYSICAL CHEMISTRY - ROORKEE '75; PH.D ELECTROCHEMISTRY - MADURAI KAMARAJ UNIVERSITY '90.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ELECTROCHEMISTRY; ELECTROCHEMICALS; CHLOR ALKALI TECHNOLOGY; ELECTROCATALYSIS.

EXPERIENCE : CHEMIST, H.M.C. (P) LTD., MADRAS, 1964-65; GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1965-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS-26, TECH. REPORTS-12, PATENTS TAKEN-9, PROCESSES DEVELOPED - 14, PROCESSES UNDER UTILISATION-9.

AWARDS & DISTINCTIONS : ALL INDIA INDUSTRIAL EXHIBITION AWARD FOR PREPARATION OF POTASSIUM CHLORATE FROM POTASSIUM CHLORIDE, HYDERABAD, 1968; INDIAN PAINTS ASSOCIATION AWARD FOR THE PAPER ON ELECTROLYTIC PRODUCTION OF CUPROUS OXIDE.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.-25, DESIGN-5, TECH. DEV.-10, PILOT PLANT-10, CONSULTANCY-8, OPERATION-12, QUALITY CONTROL-7, MAINTENANCE-17, PRODUCTION-10, TECHNO-ECONOMIC SURVEYS-10, PLANNING-10, TECHNOLOGY TRANSFER-11.

2256

DR P RADHAKRISHNAMURTY; (B. JANUARY 15, 1941),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - ANDHRA '62; M.SC. PHYSICAL CHEMISTRY - VIKRAM '65; PH.D. ELECTROCHEMISTRY - I.I.SC., BANGALORE '73.

SPECIALIZATIONS : BIOELECTROCHEMISTRY; CHEMICAL REACTIONS; CORROSION AND ITS PREVENTION.

EXPERIENCE : ASSISTANT LECTURER, NAGARJUNA GOVT. COLLEGE, NALGONDA, 1965-66; S.S.A., PROJECT ASSISTANT AND SCIENTIST, I.I.SC., BANGALORE, 1971-75; SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1975-86; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D IN BIOELECTROCHEMISTRY, TRANSPORT OF IONS ACROSS MEMBRANES.

LANGUAGES : TELUGU, HINDI, KANNADA, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 10, DESIGN, TECH. DEV. -1, PILOT PLANT- 1.

2257

SHRI N S RAGHAVENDRAN; (B. FEBRUARY 14, 1947),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '68; M.TECH. CHEMICAL ENGINEERING - MADRAS '75.

SPECIALIZATIONS : ELECTROINORGANIC TECHNOLOGY; CHEMICAL ENGINEERING.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1969-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN INORGANIC ELECTROCHEMICALS.

LANGUAGES : KANNADA, TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, CONSULTANCY - 2.

2258

SHRI C RAJAGOPAL; (B. JULY 2, 1937),

TECHNICAL OFFICER (EI), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - ANDHRA '60; DIPLOMA IN PHOSPHATING - U.S.A. '77; CERTIFICATE IN INDUSTRIAL MANAGEMENT - S.I.S.I. '78.

SPECIALIZATIONS : CORROSION AND ITS CONTROL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.E.C.R.I.. 1960-90; TECHNICAL OFFICER (EI), C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH IN CORROSION AND ITS CONTROL.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, ARTICLES - 5, PATENTS TAKEN - 20, PATENTS FILED - 20, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 11.

AWARDS & DISTINCTIONS : FELLOW, SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE & TECHNOLOGY, KARAIKUDI; BEST INVENTION AWARD, ALL INDIA INDUSTRIAL EXHIBITION, HYDERABAD, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 30.

2259

SHRI C SRIVIDYA RAJAGOPALAN; (B. JUNE 3, 1948),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRONICS & COMMUNICATION - MADURAI '72.

SPECIALIZATIONS : ELECTROCHEMICAL INSTRUMENTATION; ELECTRONICS AND COMMUNICATION; CORROSION INSTRUMENTATION.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1972-91 SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, TECH. REPORTS - 6, ARTICLES - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 4, CONSULTANCY - 3, TESTING - 1, MAINTENANCE - 2, TEACHING - 1.

2260

SHRI K R RAMAKRISHNAN; (B. MARCH 30, 1947),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. INDUSTRIAL ELECTRONICS AND ELECTRIC MACHINERY - MYSORE '69.

SPECIALIZATIONS : ELECTROCHEMICAL INSTRUMENTATION.

EXPERIENCE : J.R.F., J.T.A., S.T.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1969-90; (ALSO TRAINING IN SCANNING ELECTRON MICROSCOPE, JAPAN, 1983); SCIENTIST EI, C.E.C.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : DESIGN, DEVELOPMENT AND MAINTENANCE OF ELECTROCHEMICAL INSTRUMENTS.

LANGUAGES : TELUGU, TAMIL, KANNADA, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 10, TECH. DEV. - 10, TESTING - 10, MAINTENANCE - 10.

2261

SHRI S RAMAMOORTHY; (B. AUGUST 1, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '59; M.SC. CHEMISTRY - MADRAS '65.

SPECIALIZATIONS : ELECTROPLATING; METAL FINISHING.

EXPERIENCE : DEMONSTRATOR (CHEMISTRY), ALAGAPPA COLLEGE, KARAIKUDI, 1959-60; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1960-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN ELECTROPLATING AND METAL FINISHING.

LANGUAGES : TAMIL, ENGLISH, SANSKRIT, HINDI, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 4, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE PROCESS ON "PRODUCTION OF SYNTHETIC ANHYDROUS POTASSIUM CRYOLITE", 1974.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, CONSULTANCY - 18, EXTENSION - 20, LIAISON - 3.

2262

SHRI N RANGARAJAN; (B. SEPTEMBER 2, 1937),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : M.A. PHYSICS - MADRAS '60; M.SC. THEORETICAL NUCLEAR PHYSICS - MADRAS '59.

SPECIALIZATIONS : PHOTOCONDUCTIVITY; PHOTOVOLTAICS; SEMICONDUCTORS; NUCLEAR PHYSICS.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA ARTS COLLEGE, KARAIKUDI, 1960; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1960-88; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN CADMIUM SULPHIDE SOLAR CELLS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, TECH. REPORTS - 2, PATENTS TAKEN - 10, PATENTS FILED - 8, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE WORK ON 'SINTERED TYPE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELLS', 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 25.

2263

SHRI K V RANGASWAMY; (B. SEPTEMBER 25, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - ANDHRA '58; ASSOCIATESHIP IN DOCUMENTATION & REPROGRAPHY - INSDOC, NEW DELHI '64; POST GRADUATE DIPLOMA IN JOURNALISM AND BOOK PUBLISHING - BHARATIYA VIDYA BHAVAN, BOMBAY.

SPECIALIZATIONS : PUBLIC RELATIONS; EDITING; DOCUMENTATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., J.S.O., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1959-89; SCIENTIST EI, C.E.C.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : PUBLIC RELATIONS, EDITING AND DOCUMENTATION.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH, FRENCH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

AWARDS & DISTINCTIONS : IMPORT SUBSTITUTION BASED AWARD FOR THE PROCESS ON SYNTHETIC CRYOLITE, NRDC.

PROFESSIONAL EXPERIENCE(IN YEARS) : EDITING - 15. DOCUMENTATION - 4, EXTENSION - 16.

2264

DR K NAGARAJAN RAO; (B. JULY 23, 1937),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANNAMALAI '57; M.SC. PHYSICAL CHEMISTRY - ANNAMALAI '67; PH.D - MADURAI KAMARAJ '87.

SPECIALIZATIONS : PHOTOCONDUCTIVITY; SOLAR CELLS; SEMICONDUCTORS; THERMAL ANALYSIS.

EXPERIENCE : ASST. LECTURER/ASSTT. PROFESSOR, GOVT. COLLEGE, KUMBAKONAM, 1957-63; J.S.A., S.S.A., SCIENTIST A , SCIENTIST B AND SCIENTIST C. C.E.C.R.I., 1963-86; SCIENTIST EI, C.E.C.R.I. SINCE, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KANNADA, TAMIL, HINDI, ENGLISH, JAPANESE, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, TECH. REPORTS - 2, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR CADMIUM SULPHIDE PHOTOCONDUCTIVE CELLS, 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26. TEACHING - 6.

2265

DR N S RENGASWAMY; (B. AUGUST 28, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : L.C.E. CIVIL ENGINEERING - MADRAS '58; B.E. CIVIL ENGINEERING - MADURAI '74; PH.D. CIVIL ENGINEERING - I.I.SC., BANGALORE '86.

SPECIALIZATIONS : CORROSION AND ITS CONTROL.

EXPERIENCE : ENGINEERING ASSTT., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1960-86; SCIENTIST EI, C.E.C.R.I. SINCE JUNE, 1986.

PRESENT ACTIVITIES : R & D IN CORROSION AND ITS PREVENTION - STRESS CORROSION CRACKING, CORROSION CONTROL IN CONCRETE STRUCTURES & BRIDGES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 78, TECH. REPORTS - 40, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 32, APPLIED RES. - 32, CONSTRUCTION - 2, EDITING - 4.

2266

SHRI B SATHIANANDHAM; (B. APRIL 3, 1940),

TECHNICAL OFFICER (EI), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '60.

SPECIALIZATIONS : CORROSION AND ITS PREVENTION.

EXPERIENCE : SCIENCE ASSISTANT, P.K. NADAR HIGH SCHOOL, MADURAI AND DEMONSTRATOR, HINDU COLLEGE, NAGERCOIL, 1960-63; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-91; TECHNICAL OFFICER (EI), C.E.C.R.I. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : RESEARCH; INDUSTRIAL LIASION; INFORMATION DISSEMINATION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 2, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 16, TEACHING - 3, TECHNOLOGY TRANSFER - 11.

2267

SHRI A SELVAKESAVAN; (B. APRIL 17, 1943),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL - ANNAMALAI '64.

SPECIALIZATIONS : MOLTEN SALT ELECTROMETALLURGY.

EXPERIENCE : J.S.A., S.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1964-88; SCIENTIST EI, C.E.C.R.I SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN FUSED SALT ELECTROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH REPORTS - 2. PATENTS - 5.

AWARDS & DISTINCTIONS : NRDC AWARD FOR THE IMPROVED CELL FOR MAGNESIUM PRODUCTION, 1989; WIPO (UN) GOLD MEDAL FOR THE IMPROVED CELL FOR MAGNESIUM FRODUCTION, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, DESIGN - 15, PILOT PLANT - 16, CONSTRUCTION - 10, TECHNOLOGY TRANSFER - 10.

2268

DR UTPAL SEN; (B. APRIL 29, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '59; M.SC. PHYSICAL CHEMISTRY - CALCUTTA '61; PH.D. CHEMISTRY - JADAVPUR '66; D. SC. CHEMISTRY - CALCUTTA '82.

SPECIALIZATIONS : SOLUTION ELECTROCHEMISTRY; AQUEOUS, NONAQUEOUS, MIXED SOLVENTS AND MOLTEN SALTS SYSTEMS.

EXPERIENCE : RESEARCH FELLOW, JADAVPUR UNIVERSITY, 1962-66; POST DOCTORAL RESEARCH ASSOCIATE, PURDUE UNIVERSITY, U.S.A., 1967-71; POOL OFFICER AND LECTURER, JADAVPUR UNIVERSITY, 1971-75; SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1975-86; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : RESEARCH STUDIES IN THE VARIOUS INTERACTION PHENOMENA INVOLVING ELECTROLYTES IN AQUEOUS, NONAQUEOUS, MIXED SOLVENTS AND MULTI-COMPONENT MOLTEN SALT SYSTEMS.

LANGUAGES : BENGALI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, PATENTS TAKEN - 1.

AWARDS & DISTINCTIONS : REV FR LM YEDDANAPALLI AWARD OF THE INDIAN CHEMICAL SOCIETY, 1983; PROF R D DESAI 80TH BIRTHDAY COMMENDATION AWARD, INDIAN CHEMICAL SOCIETY, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : RES. - 29, TEACHING - 2.

2269

DR(MRS) KANAKAM SRINIVASAN; (B. MAY 27, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '63; M.SC. CHEMISTRY - MADURAI '68; PH.D. CHEMISTRY - MADURAI '75.

SPECIALIZATIONS : SYNTHESIS OF ORGANIC CHEMICALS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1963-86; SCIENTIST EI, C.E.C.R.I. SINCE JANUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN ELECTROSYNTHESIS OF ORGANIC COMPOUNDS.

LANGUAGES : TAMIL, HINDI, TELUGU, MALAYALAM, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR PROCESS ON PRODUCTION OF SUCCINIC ACID FROM MALEIC OR FUMARIC ACID, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 29.

2270

DR P SUBBIAH; (B. JUNE 7, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '63; PH.D. CHEMISTRY - MADURAI '87.

SPECIALIZATIONS : ELECTROORGANIC CHEMISTRY; ELECTROANALYTICAL CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1963-90; SCIENTIST EI, C.E.C.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROORGANIC CHEMISTRY & ELECTROANALYTICAL TECHNIQUES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 7, TECH. REPORTS - 1, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PILOT PLANT - 3, CONSULTANCY - 1, OPERATION - 1, QUALITY CONTROL - 1, PRODUCTION - 1, TECHNOLOGY TRANSFER - 1, SALES MARKETING - 1, ADMINISTRATION - 1.

2271

MRS VENU SUBRAMANIAN; (B. DECEMBER 13, 1936),

SCIENTIST EI, C.E.C.R.I. MADRAS UNIT (CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI).

QUALIFICATIONS : B.SC. - MADRAS '58.

SPECIALIZATIONS : ELECTROCHEMISTRY; CORROSION AND ITS CONTROL.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1959-89; SCIENTIST EI, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : CORROSION TESTING AND CONSULTANCY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, TECH. REPORTS - 2, REVIEWS - 8, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 18, CONSULTANCY - 2, TESTING - 15.

2272

SHRI SRINIVASAN SUNDARAM; (B. MAY 9, 1936),

EXECUTIVE ENGINEER (EI), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CIVIL - MADRAS '58.

SPECIALIZATIONS : CIVIL CONSTRUCTION.

EXPERIENCE : ASSOCIATE LECTURER, ALAGAPPA COLL.OF ENGG. & TECH., 1958-61; S.T.A., CLERK OF WORKS AND ASSISTANT EXECUTIVE ENGINEER (C), C.E.C.R.I., 1961-

91; EXECUTIVE ENGINEER (EI), C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : BUILDING CONSTRUCTION.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 28, TEACHING - 2.

2273

DR S THANGAVELU; (B. JANUARY 3, 1940),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - ANNAMALAI '61; M.SC. CHEMISTRY - ANNAMALAI '63; PH.D. CHEMISTRY - MADURAI KAMARAJ '85.

SPECIALIZATIONS : ELECTROORGANIC CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCEINTIST C, C.E.C.R.I KARAIKUDI, 1964-90; SCIENTIST EI, C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH AND PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 22.

2274

SHRI N THIAGARAJAN; (B. NOVEMBER 5, 1939),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '60; M.SC. CHEMISTRY - ROORKEE '75.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; INORGANIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA COLLEGE, 1960-61; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1961-88; SCIENTIST EI, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 5.

AWARDS & DISTINCTIONS : CERTIFICATE FOR RESEARCH PAPER, IPA, NEW DELHI, 1981.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. -13, DESIGN - 6, TECH. DEV. - 15, PILOT PLANT -12, CONSULTANCY - 7, R & D MGMT. - 2, QUALITY CONTROL - 10, PRODUCTION - 15, IND. MGMT. - 2, TECHNO-ECONOMIC SURVEYS - 2, PLANNING - 10, TECHNOLOGY TRANSFER - 13.

2275

DR DINESH CHANDRA TRIVEDI; (B. JULY 19, 1946),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - JODHPUR '68; PH.D. INORGANIC CHEMISTRY - JODHPUR '72

SPECIALIZATIONS : ELECTROORGANIC CHEMISTRY; INORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : RESEARCH ASSISTANT, JR. LECTURER, RESEARCH ASSISTANT AND POST DOCTORAL FELLOW (C.S.I.R.), UNIVERSITY OF JODHPUR, 1968-75; POOL OFFICER, C.E.C.R.I., 1977-79; SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1979-89; (ALSO INSA-JSPS FELLOW, JAPAN, 1989); SCIENTIST EI, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN CHEMISTRY & PHYSICS OF CONDUCTING ORGANIC POLYMERS AND THEIR APPLICATIONS IN ELECTRONICS AND MOLECULAR ELECRONICS.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 53, PATENTS TAKEN - 12, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APPLIED RES. - 14, TEACHING - 4.

2276

DR A VARADHARAJ; (B. JANUARY 15, 1944),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '65; M.SC. CHEMISTRY - MADRAS '68; M.A. TAMIL - MADURAI KAMARAJ UNIV '73; PH.D. ELECTROCHEMISTRY-MADURAI KAMARAJ UNIV '86.

SPECIALIZATIONS : ELECTROMETALLURGY; ELECTRONICS AND ELECTROANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1969-91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ELECTROHYDROMETALLURGY AND ELECTRONICS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS- 27, REVIEW ARTICLES - 4, PATENTS TAKEN - 2 PATENTS FILED - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 21, PILOT PLANT - 10.

2277

SHRI R VENKATACHALAM; (B. JULY 10, 1940),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62; M.SC. PHYSICAL CHEMISTRY - ROORKEE '76.

SPECIALIZATIONS : METAL FINISHING; FUNDAMENTAL ELECTROCHEMISTRY; LITHOGRAPHY.

EXPERIENCE : SCIENTIFIC ASSISTANT, BOARD OF HIGH SCHOOL, 1962-64; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1964- 91; SCIENTIST EI, C.E.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN ELECTROPLATING & METAL FINISHING AND LITHO PRINTING TECHNIQUES.

LANGUAGES : TAMIL. TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -28, TECH. REPORTS - 3. PATENTS TAKEN - 7, PATENTS FILED - 7. PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR ALUMINIUM LITHO PLATES, 1968; BEST INVENTION AWARD, ALL INDIA INDUSTRIAL EXHIBITION, HYDERABAD, 1968.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 24. TEACHING - 1, CONSULTANCY - 3, SPONSORSHIP - 1.

2278

DR N VENKATAKRISHNAN; (B. SEPTEMBER 11, 1938),

SCIENTIST EI, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. MADRAS '58; M.SC. CHEMISTRY - MADRAS '64; PH.D. CHEMISTRY - MADURAI '77.

SPECIALIZATIONS : BATTERIES; METALLURGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.E.C.R.I. 1964-88; SCIENTIST EI, C.E.C.R.I. SINCE JULY. 1988.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -18, PATENTS TAKEN - 13, PATENTS FILED - 13; PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : BAYPEN AWARD FOR DETINNING PROCESS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES.- 26, CONSULTANCY - 15, IND. MGMT. - 15, EDITING - 15.

2279

SHRI K V VENKATESWARAN; (B. AUGUST 3, 1942),

SCIENTIST EI. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '66; B.E. METALLURGY - I.I.SC., BANGALORE '70.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.E.C.R.I., 1972-90; SCIENTIST EI, C.E.C.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : RESEARCH IN METAL POWDERS AND ELECTROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20. PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1. PROCESSES UNDER UTILISATION - 2. TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18.

2280

SHRI P ADAIKKALAM; (B. DECEMBER 20, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '69; M.SC. CHEMISTRY - ROORKEE '75.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1970-88; SCIENTIST C, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROHYDROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 1, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 20, PILOT PLANT - 10.

2281

SHRI S AMBALAVANAN; (B. APRIL 4, 1956),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. METALLURGY - MADRAS '78; M.TECH. METALLURGY - I.I.T., MADRAS '80.

SPECIALIZATIONS : ELECTROTHERMICS; CORROSION; METALLURGY; BATTERIES (LEADACID).

EXPERIENCE : ASSOCIATE LECTURER. GOVT. COLL. OF ENGG., SALEM. 1980-83; SCIENTIST B. C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROTHERMICS CORROSION AND LEADACID BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 4. TEACHING - 3.

2282

DR V ANANTH; (B. NOVEMBER 15, 1951)),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING-MADRAS '75; M.TECH. METALLURGICAL ENGINEERING - I.I.T, KHARAGPUR '78; PH.D. METALLURGICAL ENGINEERING - I.I.T., KHARAGPUR '86.

SPECIALIZATIONS : CORROSION SCIENCE AND TECHNOLOGY; HIGH TEMPERATURE OXIDATION OF METALS.

EXPERIENCE : SCIENTIST B, C.E.C.R.I., 1981-86; SCIENTIST C. C.E.C.R.I. SINCE 1986.

PRESENT ACTIVITIES : RESEARCH ON WINNIG OF METALS AND CHARACTERISING OF MOLTEN ELECTROLYTE BATH.

LANGUAGES : TAMIL, HINDI. ENGLISH. GERMAN.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12. APPLIED RES.- 8, PILOT PLANT - 1. MAINTENANCE - 7. ADMN. - 7.

2283

DR K ASHOKAN; (B. MAY 22, 1952),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - ANNAMALAI '74; A.M.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '82; PH.D (ELECTROCHEMISTRY) - MADURAI KAMRAJ '89.

SPECIALIZATIONS : ELECTRODES FOR CHLOR ALKALI CELLS: MEMBRANE CELLS.

EXPERIENCE : DEMONSTRATOR, GOVT. COLL., KUMBAKONAM, 1974-75; WATER CHEMIST, GROUNDWATER BOARD, 1975; CHEMIST, N.L.C., NEYVELI, 1975-77; J.S.A. AND SCIENTIST B, C.E.C.R.I., 1977-88; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : R & D IN ELECTRODES FOR CHLOR ALKALI AND MEMBRANE CELLS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, ARTICLES - 8, PROCESSES DEVELOPED - 3. PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6. APP. RES. - 6, PILOT PLANT - 2.

2284

DR C O AUGUSTIN; (B. MAY 24, 1946),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '66; M.SC. CHEMISTRY - ROORKEE '77; PH.D. CHEMISTRY - BHARATHIDASAN '90.

SPECIALIZATIONS : FUSED ELECTROWINNING; FUSED SALT ELECTROREFINING; ATOMIC ABSORRPTION SPECTROPHOTOMETRY; NONCONSUMABLE OXIDE ANODES; CORROSION OF METALS.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA COLL., 1966-70; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1970-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROPYROMETALLURGY; INSTRUMENTAL ANALYSIS.

LANGUAGES : MALAYALAM. TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 1, PATENTS TAKEN - 5. PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD, 1989; WIPO (UN) GOLD MEDAL, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20. PILOT PLANT - 15, CONSULTANCY - 2, QUALITY CONTROL - 10. PRODUCTION - 5, TEACHING - 3, TECHNOLOGY TRANSFER - 4.

2285

DR SYED S AZIM; (B. JANUARY 17, 1957),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - M K UNIV '79; PH.D CHEMISTRY - MADURAI KAMARAJ, '90.

SPECIALIZATIONS : ATMOSPHERIC CORROSION; EVALUATION OF COATINGS AND INHIBITORS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1981-90; SCIENTIST C. C.E.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : RESEARCH IN METAL FINISHING.

LANGUAGES : URDU. TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 11.

2286

SHRI S BALAGOPALAN; (B. JULY 16, 1940),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '65.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1967-87; (ALSO ADVANCED TRAINING IN HYDROMETALLURGY, POLAND, 1978-79); SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL. ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS -2, PATNETS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, PILOT PLANT - 15. R&D MGMT.-15. MAINTENANCE - 20.

2287

DR P G BALAKRISHNAN; (B. JUNE 10, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. - MADURAI '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '80; PH.D APPLIED CHEMISTRY - INDIAN SCHOOL OF MINES. DHANBAD '89.

SPECIALIZATIONS : BATTERIES AND POWER SOURCES: TESTING OF STORAGE BATTERIES: ELECTROCHEMISTRY.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., S.T.A. AND SCIENTIST B. C.E.C.R.I., 1970-90; SCIENTIST C, C.E.C.R.I. SINCE MARCH. 1990.

PRESENT ACTIVITIES : DEVELOPMENT OF MAINTENANCE-FREE LEAD-ACID BATTERIES AND TRACTION BATTERIES.

LANGUAGES : TAMIL. HINDI. SANSKRIT, ENGLISH. GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 2, ARTICLES - 2, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 23, CONSULTANCY - 11, TESTING - 23, TECHNOLOGY TRANSFER - 23.

2288

SHRI T D BALAKRISHNAN; (B. NOVEMBER 1, 1942),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '63.

SPECIALIZATIONS : ELECTROORGANIC CHEMISTRY; INDUSTRIAL LIAISON.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.T.A., SCIENTIST A, AND TECHNICAL OFFICER (B), C.E.C.R.I., 1963-90; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 6. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, TECHNOLOGY TRANSFER - 9.

2289

SHRI V BALARAMACHANDRAN; (B. OCTOBER 15, 1946),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADURAI KAMARAJ '70.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : DEMONSTRATOR, AMERICAN COLL., MADURAI, 1971; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES AND FUNDAMENTAL ELECTROCHEMISTRY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21.

2290

MRS LALITHA BALASUBRAMANIAN; (B. AUGUST 19, 1945),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '65.

SPECIALIZATIONS : INFORMATION DISSEMINATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.E.C.R.I., 1965-90; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE NOVEMBER 1990.

PRESENT ACTIVITIES : SCIENTIFIC AND TECHNICAL INFORMATION SERVICE.

LANGUAGES : TAMIL, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 4. PATENTS FILED - 4. PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, TESTING - 2, DOCUMENTATION - 11.

2291

SHRI V BALASUBRAMANIAN; (B. DECEMBER 30, 1940),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '62.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : DEMONSTRATOR IN CHEMISTRY. C.N. MATIAJANA COLLEGE, TAMIL NADU, 1962-63; S.L.A., J.S.A., S.S.A., SCIENTIST A AND TECHNICAL OFFICER (B), C.E.C.R.I., 1963-88; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES, CATHODIC PROTECTION AND ANODIZING; INDUSTRIAL LIAISON.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 3, ARTICLES - 2, PATENTS TAKEN - 10, PATENTS FILED - 6, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : CERTIFICATE OF MERIT FOR THE PAPER BROMATE DEPOLARISED SINGLE SHOT BATTERY, ELECTROCHEMICAL SOCIETY OF INDIA, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TEACHING - 2, INDUSTRIAL LIAISON - 9.

2292

DR C AHMED BASHA; (B. MAY 4, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '73; M.TECH. CHEMICAL ENGINEERING - MADRAS '80; PH.D CHEMICAL ENGINEERING - BHARATHIDASAN '90.

SPECIALIZATIONS : ELECTROCHEMICAL ENGINEERING; POLLUTION ELECTROCHEMISTRY; MODELLING, SIMULATION AND OPTIMISATION STUDIES; ELECTROMETALLURGY.

EXPERIENCE : J.R.F., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1974-87; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN POLLUTION ELECTROCHEMISTRY; MODELLING OF ELECTROCHEMICAL REACTORS AND TEACHING.

LANGUAGES : TAMIL, URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 32, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 12, DESIGN - 12, CONSULTANCY - 2, TEACHING - 5, COMPUTER PROCESSING - 3.

2293

MRS S NATHIRA BEGUM; (B. MAY 21, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '77; M.SC. CHEMISTRY - MADURAI '79.

SPECIALIZATIONS : BATTERIES AND POWER SOURCES; ELECTROCHEMISTRY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN NICKEL-CADMIUM BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. -11, TEACHING -2.

2294

SHRI J B BELAWADI; (B. MAY 20, 1947),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY, - KARNATAK '70; M.SC. CHEMISTRY - KARNATAK '73.

SPECIALIZATIONS : MOLTEN SALTS; FUSED SALT ELECTROWINNING AND ELECTROREFINING.

EXPERIENCE : LECTURER, S.T.J. COLLEGE, ANAGOD, 1973-74; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1975-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : KANNADA, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 3, PILOT PLANT - 3, TEACHING - 1.

2295

SHRI K CHANDRAN; (B. APRIL 28, 1942),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - KERALA '70.

SPECIALIZATIONS : METAL FINISHING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-88; (ALSO STUDIES IN MULTILAYER COATING OF NICKEL-CHROMIUM AND ELECTRO LESS NICKEL, BULGARIA, 1982); SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN METAL FINISHING.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 22

2296

SHRI R CHANDRASEKARAN; (B. MARCH 3, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY, 1969; M.SC. PHYSICAL CHEMISTRY - B.H.U. '74.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-87; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCATALYSIS; FUEL CELLS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APPLIED RES. AND EDITING (TOTAL: 22 YEARS).

2297

SHRI V CHANDRASEKHARAN; (B. OCTOBER 22, 1942)),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62.

SPECIALIZATIONS : SURFACE COATINGS; ATMOSPHERIC CORROSION; ANALYTICAL TESTING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-90; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, TECH. REPORTS - 20, ARTICLES - 2, PATENTS TAKEN - 7, PATENTS FILED - 7, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES., CONSULTANCY AND TESTING (TOTAL: 30 YEARS).

2298

SHRI S DEENADAYALAN; (B. APRIL 1, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '77; M.SC. CHEMISTRY - MADURAI '80.

SPECIALIZATIONS : ELECTROCHEMISTRY; CATALYSIS; ELECTROCATALYSIS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1981-90; SCIENTIST C, C.E.C.R.I., SINCE APRIL, 1990

PRESENT ACTIVITIES : RESEARCH IN ELECTROCATALYSIS, FUEL CELLS AND WATER ELECTROLYSER.

LANGUAGES : TELUGU, TAMIL, HINDI

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10.

2299

SHRI T SELVIN DEVASAHAYAM; (B. NOVEMBER 26, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '72; M.TECH. CHEMICAL ENGINEERING - MADRAS '74.

SPECIALIZATIONS : FUSED SALT ELECTROWINNING AND ELECTROREFINING; DESIGN OF FUSED SALT ELECTROLYTIC CELLS.

EXPERIENCE : CHEMICAL ENGINEER, PANDIAL CHEMICAL LTD., MADURAI, 1975; J.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1976-88; SCIENTIST C, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D IN ELECTROPYROMETALLURGY.

LANGUAGES : TAMIL, MALAYALAM, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 1, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF MODULAR CELL, 1989; WIPO (UN) GOLD MEDAL, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, DESIGN -10, TECH. DEV. - 10 PILOT PLANT - 8, CONSULTANCY - 8, CONSTRUCTION - 5, OPERATION - 14, MAINTENANCE - 8, PRODUCTION - 8, TECHNOLOGY TRANSFER - 9.

2300

DR BOSCO EMMANUEL; (B. SEPTEMBER 24, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADURAI '75; M.SC. - MADURAI '77; PH.D. ELECTROCHEMISTRY - I.I.Sc,, BANGALORE '82.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : POST DOCTORAL RESEARCH FELLOW, I.I.Sc., BANGALORE, 1983-85; POST DOCTORAL RESEARCH FELLOW, CANADA, 1984-85; CSIR FELLOW, POOL OFFICER, R.R.L., TRIVANDRUM, 1987-90; VISITING SCIENTIST, INSTITUTE OF MATHEMATICAL SCIENCES, MADRAS, 1990-91; SCIENTIST C, C.E.C.R.I. SINCE MAY, 1991. VISITED: CANADA.

2301

MRS C J INDIRA; (B. DECEMBER 7, 1945),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - KERALA '69.

SPECIALIZATIONS : FUNDAMENTAL ELECTROCHEMISTRY; BATTERIES; CORROSION; METAL FINISHING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN FUNDAMENTAL ELECTROCHEMSITRY, BATTERIES AND CORROSION.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, ARTICLES - 1, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APPLIED RES. - 14, TEACHING - 2.

2302

SHRI M JAYACHANDRAN; (B. FEBRUARY 4, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICS - ANNAMALAI '76.

SPECIALIZATIONS : DESIGN OF SPECTROSCOPIC INSTRUMENTS; OPERATION OF VACUUM EVAPORATION UNITS.

EXPERIENCE : RESEARCH ASSOCIATE, INDIAN INSTITUTE OF ASTROPHYSICS, KODAIKANAL, 1979-83; SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN CADMIUM SULPHIDE AND COPPER INDIUM SELENIDE SOLAR CELLS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 7, DESIGN - 3.

2303

SHRI P JAYAKRISHNAN; (B. JULY 3, 1943),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC.- KERALA '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '86.

SPECIALIZATIONS : ELECTRODEPOSITION.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A AND TECHNICAL OFFICER (B), C.E.C.R.I., 1963-88; TECHNICAL OFFICER (C), C.E.C.R.I., SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTRODEPOSITION; SURFACE COATINGS.

LANGUAGES : TAMIL, MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, PATENTS TAKEN - 12.

AWARDS & DISTINCTIONS : NRDC AWARD, 1988.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 17, CONSULTANCY - 5.

2304

MRS SHOBA JAYAKRISHNAN; (B. JUNE 6, 1952),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - 1972; M.SC. CHEMISTRY - CALICUT '74.

SPECIALIZATIONS : ELECTROPLATING; PHYSICAL CHEMISTRY.

EXPERIENCE : J.R.F.(C.S.I.R.), CALICUT UNIVERSITY, CALICUT, 1974-76; ASSTT. PROFESSOR, S.R.COLL., TRICHY, 1977-79; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I. 1979-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROPLATING AND METAL FINISHING; PROCESS DEVELOPMENT; CONSULTANCY.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 40. TECH. REPORTS - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 9, CONSULTANCY - 1, TEACHING - 3.

2305

SHRI P JAYAKUMAR; (B. MAY 15, 1953),

SCIENTIST C, CENTRAL ELECROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC.(ENGG.) ELECTRONICS AND COMMUNICATION - KERALA '74; M.B.A. - COCHIN '89.

SPECIALIZATIONS : COMPUTER SCIENCE; ELECTRONIC INSTRUMENTATION; MANAGEMENT.

EXPERIENCE : J.T.A., C.S.I.O. 1975-77; ENGINEER, INDIAN SPACE RESEARCH ORGANISATION, SHAR CENTRE, ANDHRA, 1978-80; SCIENTIST B AND SCIENTIST C, C.S.I.O., 1980-88; SCIENTIST C, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : S & M OF ELECTROCHEMICAL INSTRUMENTS; DEVELOPMENT OF ELECTROCHEMICAL INSTRUMENTS.

LANGUAGES : MALAYALAM, HINDI, TAMIL, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 4, OPERATION - 4, MAINTENANCE - 14, COMPUTER PROCESSING - 3.

2306

DR D JEYAKUMAR; (B. MAY 28, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADURAI '77; M.SC. CHEMISTRY - MADURAI '79; PH.D. CHEMISTRY - I.I.SC., BANGALORE '86.

SPECIALIZATIONS : ELECTROCHEMISTRY; ELECTROANALYTICAL CHEMISTRY; PHYSICAL ORGANIC CHEMISTRY.

EXPERIENCE : EX. VISITOR, CALCUTTA UNIVERSITY, 1986-88; RESEARCH ASSOCIATE, I.I.SC., BANGALORE, 1988-89; POOL OFFICER, C.E.C.R.I., 1989-91; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1991.

LANGUAGES : TAMIL, KANNADA, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : PAPERS PUBLISHED - 2, PAPERS PRESENTED - 3, PAPERS ACCEPTED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : RESEARCH - 9.

2307

DR V KAPALI; (B. AUGUST 15, 1939),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '59; P.G. DIPLOMA IN RADIOLOGICAL PHYSICS - B.A.R.C. '67; M.SC. PHYSICAL CHEMISTRY - BOMBAY '84; PH.D. PHYSICAL CHEMISTRY - BOMBAY '86.

SPECIALIZATIONS : ELECTROCHEMISTRY; METALLIC CORROSION AND ITS CONTROL; BATTERIES; HYDROGEN EMBRITTLEMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-87; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 50, ARTICLES - 4, BOOKS REVIEW - 2, PATENTS TAKEN - 10. TECH. REPORTS - 5, PROCESSES DEVELOPED - 3. PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., DESIGN, TECH. DEV., CONSULTANCY. R&D MGMT., TESTING, QUALITY CONTROL, MAINTENANCE, TEACHING, TECHNOLOGY TRANSFER (TOTAL :27 YEARS).

2308

SHRI S KRISHNAMURTHY; (B. MAY 21, 1943),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '79.

SPECIALIZATIONS : SYNTHESIS OF ORGANIC CHEMICALS; ANALYTICAL METHODS; PROCESSING.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND SCIENTIST B. C.E.C.R.I., 1970-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH; PILOT PLANT.

LANGUAGES : TAMIL, ENGLISH. GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 8. PATENTS TAKEN - 4. PROCESSES DEVELOPED - 4. PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT, TESTING. PLANNING AND MARKETING (TOTAL : 19 YEARS).

2309

SHRI S M KRISHNAN; (B. APRIL 18, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL - ANNAMALAI '73.

SPECIALIZATIONS : CORROSION AND PAINTING.

EXPERIENCE : J.S.A., S.S.A., AND SCIENTIST B, C.E.C.R.I., 1981-90; SCIENTIST C, C.E.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : RESEARCH IN CORROSION AND PAINTING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 1, PATENTS FILED - 2, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 12.

2310

SHRI S KULANDAISAMY; (B. AUGUST 3, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '80.

SPECIALIZATIONS : ELECTROCHEMICALS; ELECTROHYDROMETALLURGY.

EXPERIENCE : S.L.A., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, ARTICLES - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APPLIED RES. - 13, PILOT PLANT - 5.

2311

DR S MADHU; (B. JUNE 13, 1951),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '71; M.SC. PHYSICS - MADRAS '73; PH.D. PHYSICS - I.I.T., MADRAS '81.

SPECIALIZATIONS : SPECTROSCOPY; ELECTRONICS.

EXPERIENCE : ASSTT. PROFESSOR, ST. JOSEPH'S COLLEGE, TRICHY, 1981-83; SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN SOLID STATE SPECTROSCOPY AND ELECTRONICS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APPLIED RES. - 5, TEACHING - 2.

2312

SHRI A MANI; (B. SEPTEMBER 7, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADURAI KAMARAJ '71; M.SC. MATERIALS SCIENCE - ANNA '81.

SPECIALIZATIONS : X-RAY DIFFRACTION; CRYSTALLINE MATERIALS; THIN FILM DEPOSITS; SOLID STATE PHASE TRANSFORMATIONS.

EXPERIENCE : GRAD. APPRENTICE, C.S.I.O. REGIONAL CENTRE, MADRAS, 1972-73; S.L.A., J.T.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.A.L., BANGALORE, 1973-87; SCIENTIST B, C.E.C.R.I., 1987-88; SCIENTIST C, C.E.C.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : RESEARCH IN STRUCTURE AND PROPERTIES OF THIN FILM DEPOSITS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 2, ARTICLES - 2, POPULAR SCIENCE ARTICLES (IN TAMIL) - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APPLIED RES. - 12.

2313

SHRI N MANI; (B. JUNE 10, 1951),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '72; M.SC. CHEMISTRY - B.H.U. '75.

SPECIALIZATIONS : LEAD-ACID BATTERIES.

EXPERIENCE : GRADUATE APPRENTICE, C.E.C.R.I., 1973; DEMONSTRATOR, ALAGAPPA COLLEGE, KARAIKUDI, 1975-76; J.R.F., J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1976-88; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN LEAD-ACID BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 15, CONSULTANCY - 1, R & D MGMT. - 5, TECHNO-ECONOMIC SURVEYS - 1, EDITING - 5.

2314

MRS C MARIKKANNU; (B. JUNE 4, 1953),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '75; M.SC. CHEMISTRY - MADURAI KAMARAJ '78.

SPECIALIZATIONS : CORROSION.

EXPERIENCE : LECTURER, ALAGAPPA ARTS COLLEGE, KARAIKUDI, 1978-79; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1979-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, MALAYALAM, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 3, ARTICLES - 10, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, CONSULTANCY - 1, TESTING - 1, TEACHING - 2, TECHNOLOGY TRANSFER - 3, EDITING - 2, DOCUMENTATION - 1.

2315

SHRI R MEENAKSHISUNDARAM; (B. MARCH 18, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '79; M.E. CHEMICAL - ANNAMALAI '81.

SPECIALIZATIONS : CHEMICAL ENGINEERING; CORROSION SCIENCE AND ENGINEERING; PETROLEUM REFINING; ORGANIC SYNTHESIS.

EXPERIENCE : J.S.A., S.S.A., AND SCIENTIST B C.E.C.R.I., 1981-90; SCIENTIST C, C.E.C.R.I., SINCE JUNE, 1990.

PRESENT ACTIVITIES : RESEARCH IN CORROSION SCIENCE AND ENGINEERING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 8, DESIGN - 1, TECH. DEV. - 2, PILOT PLANT - 2, CONSULTANCY - 4, TESTING - 4, TEACHING - 3, EDITING - 2.

2316

SHRI N MUNIYANDI; (B. FEBRUARY 5, 1942);

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '64; M.SC. ANALYTICAL CHEMISTRY - MADRAS '74.

SPECIALIZATIONS : BATTERIES; METAL FINISHING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1964-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -13, PATENTS TAKEN - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APPLIED RES. - 28.

2317

DR V S MURALIDHARAN; (B. JANUARY 6, 1948)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '68; M.SC. PHYSICAL CHEMISTRY-MADRAS '73; PH.D. ELECTROCHEMISTRY - B.H.U. '79.

SPECIALIZATIONS : CORROSION AND ITS PREVENTION; ELECTRICAL DOUBLE LAYER; ELECTRODE KINETICS; NONAQUEOUS ELECTROCHEMISTRY; METAL DEPOSITION; BATTERIES.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1968-86; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN CORROSION AND ITS PREVENTION AND ALSO IN BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS-60, TECH. REPORTS - 9.

AWARDS & DISTINCTIONS : BEST PAPER AWARD, ELECTROCHEMICAL SOCIETY OF INDIA, 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 19, APP. RES. -10, CONSULTANCY - 2, TEACHING - 19

2318

SHRI K MUTHU; (B. NOVEMBER 13, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRONICS & COMMUNICATION - MADURAI KAMARAJ '78; M.E. ELECTRONICS & COMMUNICATION - MADURAI KAMARAJ '89

SPECIALIZATIONS : INSTRUMENTATION; MICROWAVE AND OPTICAL COMMUNICATION; MICROPROCESSOR-BASED SYSTEMS.

EXPERIENCE : SERVICE ENGINEER, DYNAVISION LTD., MADRAS, 1978-79; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1979-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMICAL INSTRUMENTS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, TESTING - 1, QUALITY CONTROL - 1, MAINTENANCE - 1.

2319

SHRI S MUTHUKRISHNAN; (B. APRIL 13, 1956)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '78; M.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '82.

SPECIALIZATIONS : POLYMER SCIENCE.

EXPERIENCE : RESEARCH AND TEACHING ASSISTANT, I.I.T., KANPUR, 1981-82; SCIENTIST B, C.E.C.R.I., 1982-87; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : R & D IN ELECTRODEPOSITION & ORGANIC COATINGS.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PATENTS FILED - 2, CONSULTANCY -4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APPLIED RES. - 4.

2320

SHRI A MUTHUKUMARAN; (B. JULY 14, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '68; M.SC CHEMISTRY - MADRAS '73.

SPECIALIZATIONS : ORGANIC ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROSYNTHESIS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : FERROGUARD AWARD FOR THE PAPER, ELECTROCHEMICAL SOCIETY OF INDIA, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 17.

2321

SHRI S MUZHUMATHI; (B. JUNE 24, 1955),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. METALLURGY - MADRAS '80.

SPECIALIZATIONS : FOUNDRY TECHNOLOGY; HEAT TREATMENT OF METALS AND ALLOYS.

EXPERIENCE : SCIENTIST B, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION, 1981-83; SCIENTIST B, C.E.C.R.I., 1984-89; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN FUEL CELLS.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12.

2322

SHRI V NANDAKUMAR; (B. MARCH 15, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL - ANNAMALAI '79; M.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '82.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROHYDROMETALLURGY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 9 YEARS).

2323

DR M NATESAN; (B. APRIL 3, 1952),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '75; M.SC. CHEMISTRY - MADRAS '77; PH.D. CHEMISTRY - MUDURAI KAMARAJ '89.

SPECIALIZATIONS : ANALYSIS OF SEWAGE AND WASTE WATERS; CORROSION TESTING; MECHANISM OF METAL DISSOLUTION IN ACID.

EXPERIENCE : DEMONSTRATOR, GOVT. COLL. OF TECHNOLOGY, COIMBATORE, 1978-80; J.S.A., S.S.A. AND SCIENTIST B. C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN CORROSION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APPLIED RES. - 11, TEACHING - 2.

2324

SHRI N U NAYAK; (B. FEBRUARY 15, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MYSORE '68; M.SC. PHYSICS - SARDAR PATEL '71.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION; METAL FINISHING; VACUUM COATING.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1972-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMICAL INSTRUMENTATION.

LANGUAGES : KONKANI, HINDI, KANNADA, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 2, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 10, CONSULTANCY - 3, TESTING - 1, MAINTENANCE - 2, TEACHING - 2.

2325

DR M NOEL; (B. OCTOBER 31, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '73; M.SC. CHEMISTRY - MADRAS '75; PH.D. PHYSICAL CHEMISTRY - MADURAI KAMARAJ '85.

SPECIALIZATIONS : FUNDAMENTAL ELECTROCHEMISTRY; ELECTROORGANIC CHEMISTRY; ELECTROANALYSIS; FLUORINE ELECTROCHEMISTRY.

EXPERIENCE : DEMONSTRATOR, LOYALA COLLEGE, MADRAS, 1975-76; DEMONSTRATOR, ST. JOSEPH'S COLLEGE, TRICHY, 1976-77; J.S.A. AND SCIENTIST B, C.E.C.R.I., 1977-87; SCIENTIST C, C.E.C.R.I. SINCE OCTOBER, 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, SCIENTIFIC BOOKS - 3, ARTICLES - 10, PATENTS TAKEN - 7, PATENTS FILED - 1.

AWARDS & DISTINCTIONS : CERTIFICATE OF MERIT FOR THE BEST RESEARCH PAPER, ELECTROCHEMICAL SOCIETY OF INDIA, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APPLIED RES. - 13, TEACHING - 5, EDITING - 3.

2326

SHRI N PALANISAMY; (B. AUGUST 19, 1952),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

ST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '73; M.SC. CHEMISTRY - MADRAS '75.

SPECIALIZATIONS : CATHODIC PROTECTION; CORROSION; INHIBITOR DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1976-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN CORROSION.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 1, PATENTS FILED - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 13.

2327

SHRI R PALANISAMY; (B. APRIL 17, 1942),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '62.

SPECIALIZATIONS : INORGANIC CHEMICALS; ANODIC DEPOSITION.

EXPERIENCE : SCIENCE ASSISTANT, BOARD HIGH SCHOOL, PUGALUR, 1962-63; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-90; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORTS - 8, PATENTS TAKEN - 8, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 6.

AWARDS & DISTINCTIONS : ALL INDIA INDUSTRIAL EXHIBITION AWARD FOR THE POTASSIUM CHLORATE PROCESS; INDIAN PAINTS ASSOCIATION AWARD FOR THE PAPER ON CUPROUS OXIDES.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TECH. DEV. - 12, PILOT PLANT - 14, CONSULTANCY - 7, OPERATION - 14, QUALITY CONTROL - 10, PRODUCTION -- 15, TEACHING - 1, PLANNING - 10, TECHNOLOGY TRANSFER - 17.

2328

SHRI G T PARTHIBAN; (B. MAY 1, 1958),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '78; M.SC. MATERIALS SCIENCE - MADRAS '80; M.TECH. METALLURGICAL ENGINEERING - I.I.T., KANPUR '83.

SPECIALIZATIONS : CORROSION; METALLOGRAPHY AND PHASE TRANSFORMATION; THERMODYNAMICS; MECHANICAL METALLURGY.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : SURFACE MODIFICATION AND ALLOY DEVELOPMENT.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 4, PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APPLIED RES. - 8.

2329

SHRI R PATTABIRAMAN; (B. FEBRUARY 13, 1949),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '69; M.SC. CHEMISTRY - I.I.T., MADRAS '71.

SPECIALIZATIONS : ELECTROCHEMISTRY; CHEMISTRY OF FAST REACTIONS KINETICS.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1971-86; SCIENTIST C, C.E.C.R.I. SINCE 1986.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCATALYSIS AND FUEL CELLS.

LANGUAGES : TAMIL, SANSKRIT, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL : 22 YEARS).

2330

DR S PITCHUMANI; (B. MAY 30, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '74; M.SC. CHEMISTRY - ROORKEE '76; PH.D. POLYMER CHEMISTRY - MADRAS '80.

SPECIALIZATIONS : POLYMER CHEMISTRY; ELECTROCHEMISTRY.

EXPERIENCE : J.R.F. AND S.S.A., C.L.R.I., MADRAS, 1976-81; P.D.F., WEST GERMANY; SCIENTIST B, C.E.C.R.I., 1981-88; SCIENTIST C, C.E.C.R.I. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : R & D IN POLYMER ELECTROCHEMISTY.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 1, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY, CALCUTTA; FELLOW, SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE & TECHNOLOGY, KARAIKUDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 13 YEARS), TEACHING - 1.

2331

SHRI K V PRASAD; (B. OCTOBER 6, 1945),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - KERALA '69.

SPECIALIZATIONS : BATTERIES; METALLURGY; CORROSION; METAL FINISHING.

SPECIALIZATIONS : BATTERIES; METALLURGY; CORROSION; METAL FINISHING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1970-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN BATTERIES, METALLURGY AND CORROSION.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, ARTICLES - 3, PATENTS TAKEN - 4, PATENTS FILED - 1.

AWARDS & DISTINCTIONS : FELLOW, SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE & TECHNOLOGY, KARAIKUDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, TESTING - 3, TEACHING - 2.

2332

DR(MRS) MALATHY PUSHPAVANAM; (B. JANUARY 22, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '80; PH.D. CHEMISTRY - PANJAB '90.

SPECIALIZATIONS : ELECTRODEPOSITION OF METALS, ALLOYS AND COMPOSITIONS; CORROSION ENGINEERING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1968-89; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : ELECTROPLATING FROM NON-NAQUEOUS ELECTROLYTES, PRECIOUS METALS PLATING & ALLOY PLATING.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 116, PATENTS TAKEN - 10, PROCESSES DEVELOPED - 6.

AWARDS & DISTINCTIONS : FERROGUARD AWARD FOR THE BEST PAPER, JOURNAL OF ELECTROCHEMICAL SOCIETY OF INDIA, 1981; VASVIK INDUSTRIAL RESEARCH AWARD, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 12, CONSULTANCY - 1, TESTING -1, QUALITY CONTROL - 1, TEACHING - 2.

2333

SHRI I RADHAKRISHNA; (B. MAY 27, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICS - SRI VENKATESWARA '72.

SPECIALIZATIONS : SOLID STATE PHYSICS; PHOTOVOLTAICS; SEMICONDUCTOR FILMS; CORROSION.

EXPERIENCE : J.R.F.(C.S.I.R.), S.V. UNIVERSITY, TIRUPATI, 1974-75; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1975-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN CADMIUM SULPHIDE SOLAR CELLS AND ELECTORDEPOSITION OF COMPOUND SEMICONDUCTORS.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 13.

2334

SHRI K RAGHUPATHY; (B. JANUARY 5, 1949),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADURAI '71.

SPECIALIZATIONS : ORGANIC PROTECTIVE COATINGS; ELECTROORGANIC SYNTHESIS.

EXPERIENCE : J.R.F., J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1972-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN INDUSTRIAL METAL FINISHING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PATENTS TAKEN - 8, PATENTS FILED - 1, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : NRDC AWARD, 1988.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 15.

2335

SHRI I ARUL RAJ; (B. APRIL 16, 1956),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '77; M.SC. CHEMISTRY - MADRAS '79.

SPECIALIZATIONS : NUCLEAR CHEMISTRY; ELECTROCATALYSIS; ELECTROCHEMISTRY; COORDINATION CHEMISTRY.

EXPERIENCE : ASSTT. PROFESSOR, ST. JOSEPH'S COLLEGE, TRICHY, 1979-80; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCATALYSIS OF FUEL CELLS AND WATER ELECTROLYSER.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13, TEACHING - 1.

2336

SHRI G RAJAGOPAL; (B. JUNE 4, 1958),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '78; M.SC. MATERIALS SCIENCE - P.A.U.T., MADRAS '81.

SPECIALIZATIONS : MATERIALS SCIENCE; LASERS; REFLECTANCE SPECTROSCOPY FOR CORROSION PHENOMENA.

EXPERIENCE : SCIENTIST B, C.E.C.R.I., 1982-87; SCIENTIST C, C.E.C.R.I. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : STUDIES USING REFLECTANCE SPECTROSCOPY FOR CORROSION PHENOMENA.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APPLIED RES. - 11.

2337

SHRI T R RAJAMANI; (B. MAY 1, 1940),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL - MADRAS'62.

SPECIALIZATIONS : REPAIR AND MAINTENANCE OF SCIENTIFIC INSTRUMENTS.

EXPERIENCE : J.E., MADRAS STATE ELECTRICITY BOARD, MADRAS, 1962-65; TRAINEE ENGINEER, SIMPSON (BIMETAL BEARING LTD.), MADRAS, 1965-66; SUPERINTENDENT, B.C.G. LABORATORY, MADRAS, 1966-70; S.T.A., SCIENTIST A AND SCIENTIST B, C.S.I.O., 1970-87; SCIENTIST C, C.E.C.R.I. SINCE OCTOBER, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, MALAYALAM, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 12, MAINTENANCE - 12.

2338

DR P RAMACHANDRAN; (B. FEBRUARY 1, 1950),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - ROORKEE '75; PH.D. CHEMISTRY - MADURAI KAMARAJ '88.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1970-88; SCIENTIST C, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROHYDROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 22, PILOT PLANT - 10.

2339

SHRI M RAMAKRISHNAN; (B. MAY 15, 1956),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL - MADRAS '78; M.TECH. MECHANICAL - I.I.T., MADRAS '80.

SPECIALIZATIONS : ELECTROCHEMICAL ENGINEERING; COMBUSTION ENGINEERING; FLUID MECHANICS; HEAT AND MASS TRANSFER.

EXPERIENCE : LECTURER, R.V.C.E., BANGALORE, 1980-81; LECTURER, A.C.C.E.T., KARAIKUDI, 1981-83; SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTRIC VEHICLES, BATTERIES AND SOLAR ENERGY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TEACHING - 11.

2340

SHRI S RAMU; (B. JUNE 10, 1955)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. METALLURGY - MADRAS '78; M.S METALLURGY - I.I.T., MADRAS '89.

SPECIALIZATIONS : CORROSION.

EXPERIENCE : ASSOCIATE LECTURER, DEPARTMENT OF METALLURGY GOVERNMENT COLLEGE OF ENGINEERING, SALEM, 1978-82; SCIENTIST B, C.E.C.R.I., 1982-87; SCIENTIST C, C.E.C.R.I. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D IN CORROSION & ITS PREVENTION, STRESS CORROSION CRACKING.

LANGUAGES : TAMIL, ENGLISH, TELUGU.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 9, TEACHING - 4.

2341

DR S RAMANATH RAVI; (B. FEBRUARY 13, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICS - I.I.T., MADRAS '76; PH.D. PHYSICS - I.I.SC., BANGALORE '82.

SPECIALIZATIONS : FERROELECTRIC MATERIALS; SURFACE CORROSION PROCESS; SPECTROSCOPY.

EXPERIENCE : RESEARCH ASSOCIATE, I.I.T., KANPUR, 1982-83; SCIENTIST B, C.E.C.R.I., 1983-88; SCIENTIST C, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN CORROSION.

LANGUAGES : TAMIL, KANNADA, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, TEACHING - 1.

2342

DR N G RENGANATHAN; (B. MAY 19, 1949),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - I.I.T., BOMBAY '74; PH.D. - MADURAI KAMRAJ '88.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS FILED - 3, PROC. DEV. - 3, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APPLIED RES. - 14.

2343

SHRI V RENGARAJAN; (B. FEBRUARY 17, 1948),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '80.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY.

EXPERIENCE : GRAD. APPRENTICE, S.L.A., J.T.A. AND S.T.A., C.E.C.R.I., 1970-90; SCIENTIST B AND SCIENTIST C, C.E.C.R.I. SINCE JULY, 1990.

PRESENT ACTIVITIES : R & D ON BIPOLOR CELLS.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS -10, TECH. REPORTS -10, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED -10, PROCESSES UNDER UTILISATION - 5.

AWARDS & DISTINCTIONS : INDIAN PAINTS ASSOCIATION AWARD FOR ELECTROLYTIC PRODUCTION OF CUPROUS OXIDE, 1981.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 12, TECH. DEV. - 8, PILOT PLANT - 5, CONSULTANCY - 7, OPERATION - 8, TESTING - 10, QUALITY CONTROL - 10, MAINTENANCE - 10, PRODUCTION - 7.

2344

SHRI R SABAPATHI; (B. JUNE 4, 1937),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '59.

SPECIALIZATIONS : BATTERIES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.E.C.R.I., 1960-85; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R & D IN POWER SOURCES, NICKEL-CADMIUM AND LEAD-ACID BATTERIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 2, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, TECH. DEV. - 25.

2345

SHRI N SATHAIYAN; (B. FEBRUARY 18, 1955),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '76; M.SC. CHEMISTRY - MADRAS '78.

SPECIALIZATIONS : ELECTROMETALLURGY.

EXPERIENCE : DEMONSTRATOR. ST. JOSEPH'S COLLEGE, TRICHY, 1978-79; POST GRADUATE TEACHING ASSISTANT. ST. MARY'S H.S. SCHOOL, DINDIGUL, 1979-81; J.S.A., S.S.A. AND SCIENTIST B. C.E.C.R.I., 1981-90; SCIENTIST C, C.E.C.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROHYDROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 12 YEARS), TEACHING - 3.

2346

SHRI M SELVAM; (B. APRIL 12, 1955),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '76; M.SC. CHEMISTRY - MADURAI KAMARAJ '78; PH.D ELECTROCHEMISTRY - MADURAI KAMARAJ '90.

SPECIALIZATIONS : ORGANIC CHEMISTRY; METAL FINISHING.

EXPERIENCE : J.L.A., N.M.L. UNIT, MADRAS COMPLEX. MADRAS, 1978-79; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1979-87; (ALSO TRAINING IN ELECTROCRYSTALLISATION OF METALS AND ALLOYS, POLAND, 1986); SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROPLATING.

LANGUAGES : TAMIL, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 12, TESTING - 1, CONSULTANCY - 2, PROCESS UTILISED - 1.

2347

SHRI H VENKATESHA SHANBHOGUE; (B. DECEMBER 6, 1949),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRONICS AND COMMUNICATION - MADRAS '72.

SPECIALIZATIONS : ELECTROCHEMICAL INSTRUMENTATION; POWER SOURCES INSTRUMENTATION.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1972-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMICAL INSTRUMENTATION.

LANGUAGES : KONKANI, HINDI, KANNADA, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 16, TESTING - 16, MAINTENANCE - 16.

2348

SHRI N V SHANMUGAM; (B. JUNE 7, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '74; M.SC. ANALYTICAL CHEMISTRY - MADRAS '76.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; ELECTROFORMING OF METALS AND ALLOYS; SOLAR SELECTIVE COATINGS; ELECTROLESS COATINGS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1977-89; SCIENTIST C, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN ELECTROFORMING.

LANGUAGES : TAMIL, ENGLISH, GERMAN, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, TECH. REPORTS - 1, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 14, DESIGN - 14, TECH. DEV. - 14, PILOT PLANT - 14, TESTING - 14, QUALITY CONTROL - 14.

2349

SHRI GANESA V SHARMA; (B. JULY 25, 1947),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '68; M.SC. CHEMISTRY - ROORKEE '77.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CORROSION PROTECTION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-88; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH ON ORGANIC COATINGS FOR CORROSION PROTECTION.

LANGUAGES : TAMIL, HINDI, MALAYALAM, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, PATENTS TAKEN - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 5.

2350

SHRI G N SRINIVASAN; (B. MARCH 22, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC CHEMISTRY - MADRAS '68; M.SC. CHEMISTRY - UNIVERSITY OF ROORKEE '79.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.E.C.R.I., 1969-82; SCIENTIST B AND SCIENTIST C, R.R.L., BHUBANESWAR, 1982-90; SCIENTIST C, C.E.C.R.I. SINCE NOVEMBER, 1987.

2351

SHRI K N SRINIVASAN; (B. JULY 11, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '75; M.SC. CHEMISTRY - MADURAI KAMARAJ '77; PH.D CHEMISTRY - MADURAI KAMARAJ '88.

SPECIALIZATIONS : INDUSTRIAL METAL FINISHING.

EXPERIENCE : TECHNICAL ASSTT., VIJAY TANKS & VESSELS PVT. LTD., 1977-78; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1978-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROPLATING AND METAL FINISHING.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 80, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. -12, APP. RES. -12, DESIGN - 2, TESTING - 2, QUALITY CONTROL - 2, TEACHING - 4, CONSULTANCY -3, PROCESS UTILISED - 2.

2352

SHRI L K SRINIVASAN; (B. NOVEMBER 29, 1939)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : L.E.E. - TAMIL NADU '61; B.E. ELECTRICAL AND ELECTRONICS-MADURAI '75.

SPECIALIZATIONS : ELECTROMETALLURGY; FUSED SALT ELECTROLYSIS AND MAGNESIUM METAL PRODUCTION.

EXPERIENCE : ELECTRICIAL SUPDT. (I), SALEM MUNICIPALITY, 1962-63; GRADUATE APPRENTICE, S.L.A., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1964-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : R&D IN ELECTROMETALLURGY - FUSED SALT ELECTROLYSIS AND ALUMINIUM REFINING.

LANGUAGES : HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 5, TECH. REPORTS - 2, PROCESS DEVELOPED - 1, PROCESS UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE EXTRACTION OF MAGNESIUM METAL, 1967; NRDC AWARD, 1989; WIPO (UN) GOLD MEDAL, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. AND PILOT PLANT - 20, CONSULTANCY - 10, CONSTRUCTION - 20, FABRICATION - 20, DESIGN - 20, PRODUCTION - 20, MAINTENANCE - 25, TEACHING - 2, TEACHNOLOGY TRANSFR -10, APPLIED RES - 25.

2353

DR R SRINIVASAN; (B. JUNE 15, 1952)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '71; M.SC. PHYSICS - ANNAMALAI '73; PH.D. MOLECULAR SPECTROSCOPY - ANNAMALAI '78.

SPECIALIZATIONS : SPECTROSCOPY.

EXPERIENCE : ASSISTANT PROFESSOR, AMERICAN COLLEGE, MADURAI, THIAGARAJA COLLEGE, MADURAI AND POOMPUHAR COLLEGE, MAYURAM, 1979-82; SCIENTIST B, C.E.C.R.I., 1982-87; SCIENTIST C, C.E.C.R.I. SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, BIBLIOGRAPHIES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES.- 7, TEACHING - 3, DOCUMENTATION - 2.

2354

SHRI S SRINIVASAN; (B. SEPTEMBER 24, 1944),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CIVIL - MADURAI '74; M.E. STRUCTURAL ENGINEERING - ANNAMALAI '77.

SPECIALIZATIONS : STRUCTURAL ENGINEERING; CONCRETE TECHNOLOGY; REINFORCEMENT CORROSION.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. 1981-88; SCIENTIST C, C.E.C.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : R&D IN CORROSION SCIENCE AND ENGINEERING.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 26, TECH. REPORTS - 12. PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 6, TEACHING -16.

2355

SHRI S SRIVEERARAGHAVAN; (B. AUGUST 13, 1942),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '82.

SPECIALIZATIONS : ELECTROPLATING.

EXPERIENCE : SCIENCE ASSISTANT, SRIRAMANATHAN CHETTIAR HIGH SCHOOL, PUDHUVAYAL, 1963; GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A AND TECHNICAL OFFICER (B), C.E.C.R.I., 1963-89; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R&D IN ELECTROPLATING.

LANGUAGES : TAMIL, SANSKRIT, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS-25, TECH. REPORTS-3, REVIEW PAPERS -10, PATENTS TAKEN-2, PATENTS FILED-2, PROCESSES DEVELOPED-2, PROCESSES UNDER UTILISATION-1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 24.

2356

SHRI P SUBBIAH; (B. JUNE 13, 1936),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '60.

SPECIALIZATIONS : TITANIUM SUBSTRATE INSOLUBLE ANODE.

EXPERIENCE : DEMONSTRATOR, V.O.C. COLLEGE, TUTICORIN, 1960-63; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-87; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPING THE PROCESS FOR THE PREPARATION OF TITANIUM SUBSTRATE INSOLUBLE ANODE, 1977.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 18, PILOT PLANT - 4, TEACHING - 3.

2357

SHRI G SUBRAMANIAN; (B. MAY 15, 1942),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '61.

SPECIALIZATIONS : ION SELECTIVE ELECTRODES: ELECTROANALYTICAL TECHNIQUES; BIOSENSORS; ELECTROCHEMISTRY; ELECTROINORGANIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA COLLEGE, KARAIKUDI, 1961-63; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-88; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D: EDITING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAP. - 24, REVIEW PAPARS - 10, TECHNICAL REPORTS - 4, PATENTS TAKEN - 6, PATENTS FILED - 3, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES - 29, TECH. DEV. - 29, PILOT PLANT - 9, TESTING - 9, QUALITY CONTROL - 9, MAINTENANCE - 9, PRODUCTION - 9, TEACHING - 2, EDITING - 10.

2358

DR GOMATHI HARIHAR SUBRAMANIAN; (B. MAY 2, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADURAI KAMARAJ '69; A.I.C. - CALCUTTA '80; PH.D. ELECTROCHEMISTRY - PUNJAB '1990.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

2359

DR K SUBRAMANIAN; (B. AUGUST 2, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '76; M.SC. CHEMISTRY - MADURAI KAMARAJ '78; PH.D ELETROCHEMISTRY - MADURAI KAMARAJ '89.

SPECIALIZATIONS : ELECTROCHEMISTRY; ELECTRODES; GAS EVOLUTION REACTIONS; CHLOR ALKALI TECHNOLOGY; MEMBRANE CELL TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : DEVELOPMENT OF ANODES. CATHODES AND MAMBRANE CELLS FOR CAUSTIC SODA PRODUCTION.

LANGUAGES : TAMIL. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 8, ARTICLES - 2, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 7, TECH. DEV. - 7, PILOT PLANT - 2, CONSULTANCY - 5.

2360

SHRI P SUBRAMANIAN; (B. DECEMBER 8, 1954),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '78; M.E. CHEMICAL ENGINEERING - ANNAMALAI '80.

SPECIALIZATIONS : PETROLEUM REFINERY ENGINEERING AND PETROCHEMICALS; COTHODIC PROTECTION; HIGH TEMPERATURE CORROSION.

EXPERIENCE : ASSTT. CHEMICAL ENGINEER, M/S NATIONAL FIREWORKS FACTORY, SIVAKASI, 1981-83; SCIENTIST B, C.E.C.R.I., 1983-88; SCIENTIST C, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN CORROSION INHIBITORS.

LANGUAGES : TAMIL. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 8, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 10.

2361

SHRI P SUBRAMANIAN; (B. MAY 14, 1942),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '61.

SPECIALIZATIONS : EXTRACTION OF MAGNESIUM METAL BY FUSED SALT ELECTROLYSIS.

EXPERIENCE : DEMONSTRATOR, ALAGAPPA COLLEGE, KARAIKUDI AND ANNAMALAI POLYTECHNIC, CHETTINAD, 1962-63; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1963-87; TECHNICAL OFFICER (C). C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY AND FUSED SALT ELECTROLYSIS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PROCESSES DEVELOPED - 1, PATENTS TAKEN - 5.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE EXTRACTION OF MAGNESIUM METAL FROM SALEM MAGNESITE OR SEA WATER. 1967; NRDC AWARD, 1989; WIPO (UN) AWARD, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28, PILOT PLANT - 20, QUALITY CONTROL - 28.

2362

SHRI V SUBRAMANIAN; (B. FEBRUARY 6, 1939),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '59.

SPECIALIZATIONS : INFRARED DETECTORS; VACUUM METALIZATION; SEMICONDUCTORS.

EXPERIENCE : DEMONSTRATOR IN PHYSICS, R.D.M. COLLEGE, SIVAGANGA, 1959-62; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1962-87; TECHNICAL OFFICER (C), C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH IN PHOTOELECTROCHEMICAL ENERGY CONVERSION, PHOTOLYSIS AND CONDUCTING TIN OXIDE AND INDIUM OXIDE FILMS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, TECH. REPORTS - 1, PATENTS TAKEN - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING - 3, PROCESSES DEVELOPED - 1.

2363

SHRI S M SUKUMARAN; (B. DECEMBER 3, 1940),

TECHNICAL OFFICER (C), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - TAMIL NADU '59; POST DIPLOMA IN PRODUCTION ENGINEERING - TAMIL NADU '62.

SPECIALIZATIONS : PRODUCTION PLANNING AND CONTROL; PROJECT MANAGEMENT; MAINTENANCE OF PROCESS MACHINERY.

EXPERIENCE : J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1964-86; TECHNICAL OFFICER (C). C.E.C.R.I. SINCE AUGUST, 1986.

PRESENT ACTIVITIES : RESEARCH IN FUSED SALT ELECTROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR PRODUCTION OF MAGNESIUM METAL FROM MAGNESITE OR SEA WATER BITTERNS, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT - 20, OPERATION - 20, MAINTENANCE - 20.

2364

SHRI V SUNDARAM; (B. SEPTEMBER 24, 1949),

SCIENTIST C. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69; M.SC. CHEMISTRY - I.I.T.. BOMBAY '75.

SPECIALIZATIONS : SOLID STATE ELECTROCHEMISTRY; THERMOELECTRIC GENERATORS; SUPER IONIC CONDUCTORS; LUMINESCENT PHOSPHORS.

EXPERIENCE : S.L.A., J.T.A.. S.T.A.. SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-88; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH ON SOLID STATE BATTERIES AND GAS SENSORS.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS FILED - 4, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 20, TECHNOLOGY TRANSFER - 3.

2365

DR A SUNDARARAJ; (B. MAY 20, 1955),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADURAI KAMARAJ '75; M.SC. SOLID STATE PHYSICS - MADURAI KAMARAJ '77; PH.D. PHYSICS - MADURAI KAMARAJ '83.

SPECIALIZATIONS : SOLID STATE ELECTROCHEMISTRY; SUPER IONIC CONDUCTORS; LASERS; RAMAN SPECTROSCOPY.

EXPERIENCE : TEACHING / RESEARCH FELLOW, ANNA UNIVERSITY, MADRAS, 1983; SCIENTIST B, C.E.C.R.I. 1983-88; SCIENTIST C, C.E.C.R.I. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : RESEARCH ON SOLID STATE BATTERIES AND GAS SENSORS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APPLIED RES. - 6, TEACHING - 1.

2366

SHRI R H SURESHBABU; (B. MAY 23, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADURAI '77; M.SC. PHYSICS - MADURAI KAMARAJ '79; D.I.I.SC. ELECTRONICS DESIGN TECHNOLOGY - I.I.SC., BANGALORE '86.

SPECIALIZATIONS : PHYSICS; APPLIED ELECTRONICS; ELECTROCHEMICAL INSTRUMENTATION; ELECTRONICS DESIGN TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMICAL INSTRUMENTATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 4, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 4, DESIGN - 2, TECH. DEV. - 1, TESTING - 1, MAINTENANCE - 1, TEACHING - 1, CONSULTANCY - 1.

2367

SHRI K THANGAVEL; (B. JANUARY 12, 1956),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADURAI KAMARAJ '78.

SPECIALIZATIONS : PAINT TECHNOLOGY; CORROSION; REINFORCED CONCRETE CORROSION.

EXPERIENCE : J.S.A. AND S.S.A., C.E.C.R.I., 1980-83; SCIENTIST B, R.R.L., HYDERABAD, 1983-87; SCIENTIST B, C.E.C.R.I. 1987-88; SCIENTIST C, C.E.C.R.I. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : R & D IN CORROSION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 7, DESIGN - 1.

2368

DR P THIRUNAVUKKARASU; (B. JANUARY 3, 1948),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '69; A.I.C. - INSTITUTION OF CHEMIST, INDIA '79; PH.D APPLIED CHEMISTRY - INDIAN SCHOOL OF MINES, 1989.

SPECIALIZATIONS : ELECTROORGANIC PROCESS DEVELOPMENT; POLYMER PREPARATION AND POLYMER BATTERIES; ELECTROORGANIC CHEMISTRY; ELECTRODIALYSIS.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.T.A., S.T.A. SCIENTIST B, C.E.C.R.I. 1970-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRURAY, 1990.

PRESENT ACTIVITIES : RESEARCH IN ELECTROORGANIC CHEMISTRY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 12, PILOT PLANT - 2, TESTING - 4, QUALITY CONTROL - 2, TEACHING - 1.

2369

SHRI P VEERAMANI; (B. MARCH 18, 1957),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL - MADURAI KAMARAJ '79.

SPECIALIZATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1980-90; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : EQUIPMENT DESIGN & FABRICATION; NICKEL & COPPER ELECTROFORMING; SOLAR DISTILLATION OF BRACKISH WATER & THERMAL ENERGY CONVERSION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 13.

2370

DR A VELUCHAMY; (B. OCTOBER 4, 1952),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '73; M.SC. CHEMISTRY - VISVA BHARATI '76; PH.D ELECTROCHEMISTRY - MADURAI KAMARAJ.

SPECIALIZATIONS : BATTERIES.

EXPERIENCE : CHEMIST, ENKAY CHEMICALS LTD., MADRAS, 1973-74; CHEMIST, SOUTHERN NITCO CHEMICALS LTD., 1977-78; JUNIOR ANALYST, FOOD ANALYTICAL LABORATORY, TAMIL NADU, 1978-79; J.S.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1979-90; SCIENTIST C, C.E.C.R.I. FEBRUARY, 1990

PRESENT ACTIVITIES : RESEARCH IN BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7. PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 11.

2371

DR G VENKATACHARI; (B. MAY 10, 1948)),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '77; PH.D. CHEMISTRY - MADURAI KAMARAJ '86.

SPECIALIZATIONS : CORROSION; ELECTROCHEMISTRY.

EXPERIENCE : S.L.A., J.T.A., S.S.A. AND SCIENTIST B, C.E.C.R.I., 1968-87; SCIENTIST C, C.E.C.R.I. SINCE 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35. TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 24.

2372

DR V YEGNARAMAN; (B. APRIL 20, 1949),

SCIENTIST C, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69; M.SC. CHEMISTRY - B. H.U. '74; PH.D. ELECTROCHEMISTRY - B.H.U. '86; MADHYAMA HINDI - D.B. HINDI PRACHAR SABHA '63.

SPECIALIZATIONS : ELECTROANALYTICAL CHEMISTRY, ELECTRODEKINETICS AND ELECTROPAINTING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.E.C.R.I., 1969-87; SCIENTIST C, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH, TEACHING AND EDITING.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 26. PATENTS TAKEN - 7, PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., TEACHING AND EDITING (TOTAL : 19 YEARS)

2373

SHRI M V ANANTH; (B. JULY 10, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '79; M.SC. PHYSICS - MADRAS '81.

SPECIALIZATIONS : BATTERIES; ELECTROCHEMICAL MATERIALS SCIENCE; MICROPROCESSORS; SPECTROSCOPY.

EXPERIENCE : P.G. TEACHER, GOVT. H.SC. SCHOOL, GUZILIAMPARAI, 1981-82; J.S.A., C.E.C.R.I., 1982-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, SEMINAR PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 6, DESIGN - 1, CONSULTANCY - 2, TESTING - 4, MAINTENANCE - 1. TEACHING - 1.

2374

SHRI V ARUMUGAM; (B. SEPTEMBER 7, 1952),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - 1977; B.E. MECHANICAL - MADURAI KAMARAJ '84.

SPECIALIZATIONS : DESIGN AND FABRICATION OF PROCESS EQUIPMENTS; NEW MATERIALS FOR CHLOR ALKALI; MEMBRANE CELLS. EXPERIENCE: TRACER, AND JSA MINISTRY OF DEFENCE, 1978-80; J.T.A. AND S.T.A.,

PRESENT ACTIVITIES : DESIGN AND FABRICATION OF CHEMICAL PROCESS EQUIPMENTS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2. TECH REPORTS - 3, ARTICLES - 2. PROCESSES DEVELOPED - 3. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 2. APP. RES. - 5. DESIGN - 3. TECH. DEV. - 3. PILOT PLANT - 2. CONSULTANCY - 2. R & D MGMT. - 1. QUALITY CONTROL - 2.

2375

SHRI B RAMESH BABU; (B. MAY 25, 1966),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - BHARATHIAR '87.

SPECIALISATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : JUNIOR RESEARCH FELLOW, C.E.C.R.I., 1987-89; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 5.

2376

SHRI RAMESH G N K BABU; (B. JUNE 2, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '77; M.SC. CHEMISTRY - MADURAI KAMARAJ '79; B.ED. PHYSICAL SCIENCE - ANNAMALAI '81; RASHTRA BHASHA PRAVEEN - DBHP. MADRAS '75.

SPECIALIZATIONS : METAL FINISHING - ELECTRO DEPOSITED COMPOSITES.

EXPERIENCE : J.S.A., C.E.C.R.I., 1982-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN INDUSTRIAL METAL FINISHING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23 .

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 8, TEACHING - 4.

2377

MRS RAZIA BEGUM; (B. JANUARY 30, 1944),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN RADIO ENGINEERING (ELECTRONICS) - BOARD OF TECHNICAL EDUCATION '65.

SPECIALIZATIONS : ELECTRONICS AND ELECTROCHEMICAL INSTRUMENTATION.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1968-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : ELECTROCHEMICAL INSTRUMENTATION.

LANGUAGES : URDU, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 2, TESTING - 20, MAINTENANCE - 15.

2378

MRS SHEELA BERCHMANS; (B. JULY 25, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '79; M.SC. CHEMISTRY - MADURAI KAMARAJ '81.

SPECIALIZATIONS : ELECTRONICS; CHEMICAL KINETICS; ELECTROBIOLOGY; SPECTROSCOPY.

EXPERIENCE : J.S.A., C.E.C.R.I., 1982-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTRONICS AND ELECTROBIOLOGY.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

AWARDS & DISTINCTIONS : CERTIFICATE OF MERIT FOR A PAPER, INDIAN CHEMICAL SOCIETY, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2379

DR D P BHATT; (B. JANUARY 12, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - KUMAUN '76; M.SC. CHEMISTRY - KUMAUN '78; PH.D. COORDINATION CHEMISTRY - KUMAUN '85.

SPECIALIZATIONS : METAL-LIGAND EQUILIBRIA IN SOLUTION; BATTERIES.

EXPERIENCE : LECTURER, J.R.F. AND S.R.F.(U.G.C.), KUMAUN UNIVERSITY, ALMORA, 1979-83; J.T.A., C.E.C.R.I., 1983-87; SCIENTIST B, C.E.C.R.I. SINCE JULY, 1987; (ALSO DAAD FELLOW, W. GERMANY, 1989-90).

PRESENT ACTIVITIES : R & D IN BATTERIES.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, ARTICLES - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APPLIED RES. - 8, TEACHING - 2, EDITING - 1.

2380

SHRI M CHANDRASEKARAN; (B. JUNE 15, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '79; PH.D (ELECTRO-ORGANIC CHEMISTRY) - MADURAI KAMARAJ UNIVERSITY '89.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : J.S.A., C.E.C.R.I., 1982-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 8, TEACHING - 4.

2381

SHRI V R CHIDAMBARAM; (B. SEPTEMBER 25, 1943),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65; M.SC. CHEMISTRY - MADRAS '72.

SPECIALIZATIONS : ANALYTICAL AND INORGANIC CHEMISTRY; BATTERIES AND POWER SOURCES; ELECTROCHEMISTRY.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.E.C.R.I., 1966-86; SCIENTIST B. C.E.C.R.I. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : R & D IN NICKEL-CADMIUM BATTERIES & LEAD-ACID BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 24, CONSULTANCY - 2, TEACHING - 2, TECH. DEV - 20.

2382

SHRI S C CHOCKALINGAM; (B. DECEMBER 15, 1940),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '67.

SPECIALIZATIONS : ELECTROCHEMICALS; ELECTROHYDROMETALLURGY.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.T.A., TECHNICAL OFFICER (A). C.E.C.R.I., 1964-85; TECHNICAL OFFICER (B). C.E.C.R.I. SINCE JANUARY, 1985.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, ARTICLES - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APPLIED RES. - 15, PILOT PLANT - 5.

2383

DR S K DHAWAN; (B. SEPTEMBER 18, 1956),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - M.D. UNIVERSITY '76; PH.D. ELECTROANALYTICAL CHEMISTRY - RAJASTHAN '83.

SPECIALIZATIONS : ELECTROANALYTICAL CHEMISTRY; PHYSICAL CHEMISTRY; ELECTROORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH SCHOLAR, M.R. ENGG. COLLEGE, JAIPUR, 1978-83; POST DOCTORAL FELLOW, TECHNICAL UNIVERSITY, MERSEBURG, E. GERMANY, 1983-86; POOL OFFICER AND FELLOW. C.E.C.R.I., 1986-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN CONDUCTING POLYMERS.

LANGUAGES : HINDI. ENGLISH, GERMAN, PUNJABI.

VISITED : E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 25. PATENTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 5, TEACHING - 1.

2384

SHRI M EASHWAR; (B. JULY 8, 1960),

SCIENTIST B, OFFSHORE PLATFORM & MARINE ELECTROCHEMISTRY CENTRE, TUTICORIN (C.E.C.R.I., KARAIKUDI).

QUALIFICATIONS : B.SC. - MADURAI '80; M.SC. MARINE BIOLOGY - ANNAMALAI '82.

SPECIALIZATIONS : BIOFOULING; MARINE CORROSION; CATHODIC PROTECTION; MARINE MICROBIOLOGY.

EXPERIENCE : J.R.F. AND S.R.F., C.E.C.R.I., 1983-87; J.T.A., C.E.C.R.I., 1987-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN BIOFOULING, MARINE CORROSION & MARINE MICROBIOLOGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APPLIED RES. - 10.

2385

DR V V GIRIDHAR; (B. DECEMBER 5, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '78; M.SC. CHEMISTRY - MADRAS '80; PH.D. CHEMISTRY - I.I.T., MADRAS '86.

SPECIALIZATIONS : SOLUTION ELECTROCHEMISTRY: GENERAL PHYSICAL CHEMISTRY; FUEL CELLS.

EXPERIENCE : PROJECT SCIENTIST. I.I.T., BOMBAY, 1986; ASSTT. PROFESSPR, D.G. VAISHNAV COLLEGE, MADRAS. 1986-88; SCIENTIST B, C.E.C.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY & MARINE POLLUTION.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, INTERNATIONAL SYMPOSIA PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APPLIED RES. - 1, TEACHING - 2.

2386

DR S GOPUKUMAR; (B. JUNE 30, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - CALICUT '78; M.SC. PHYSICAL CHEMISTRY - DELHI '81; PH.D. PHYSICAL CHEMISTRY - DIBRUGARH '86.

SPECIALIZATIONS : SOLUTION CHEMISTRY; ELECTROCHEMISTRY; CHLOR ALKALI BATTERIES; PHYSICAL CHEMISTRY.

EXPERIENCE : P.G TEACHER IN CHEMISTRY, KENDIRYA VIDYALAYA 1981-82; J.R.F. AND S.R.F., R.R.L., JORHAT, 1982-87; RESEARCH ASSOCIATE AND SCIENTIST A, C.E.C.R.I., 1987-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN BATTERY TECHNOLOGY.

LANGUAGES : MALAYALAM, TAMIL, HINDI, ENGLISH.

VISITED : U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

AWARDS & DISTINCTIONS : CITED IN ASIA'S WHO'S WHO MEN & WOMEN OF ACHIEVEMENT, VOL V, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 4, TEACHING -2.

2387

SHRI G GOVINDARAJAN; (B. JUNE 1, 1949),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN CHEMICAL TECHNOLOGY - TAMIL NADU '68.

SPECIALIZATIONS : ELECTROPLATING.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I, 1969-88; TECHNICAL OFFICER (B), C.E.C.R.I, SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH, TESTING AND QUALITY CONTROL.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT, CONSULTANCY, TESTING AND QUALITY CONTROL (TOTAL: 24 YEARS).

2388

SHRI S GOVINDU; (B. JULY 22, 1953),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '78; CERTIFICATE IN LIBRARIANSHIP - MADRAS '79; B.ED. - MADRAS '80; M.SC. ORGANIC CHEMISTRY - HYDERABAD '90.

EXPERIENCE : J.L.A., I.I.C.T., 1980-82; J.L.A., S.L.A., C.E.C.R.I., 1982-84; S.T.A. AND TECHNICAL OFFICER (A), I.I.C.T., 1989-92; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1993.

LANGUAGES : TAMIL, ENGLISH, HINDI, TELUGU, MALAYALAM.

2389

SHRI R JAGANNATHAN; (B. OCTOBER 2, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '77; M.SC. PHYSICS - '79; B.ED. - MADURAI '81.

EXPERIENCE : PHYSICS ASSISTANT, SENIOR SECONDARY SCHOOL, MADRAS STATE, 1979-83; J.T.A., C.E.C.R.I., 1983; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN LUMINESCENCE.

LANFUAGES : TAMIL, ENGLISH, GERMAN.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 8, TEACHING - 4.

2390

MRS K JAYALAKSHMI; (B. AUGUST 10, 1960),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '82; M.SC. CHEMISTRY - MADURAI KAMARAJ '85; B.ED - MADURAI KAMARAJ '86.

SPECIALIZATIONS : CHEMISTRY; ELECTROCHEMISTRY.

EXPERIENCE : J.R.F., C.E.C.R.I., 1987-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, BASIC RES. - 5, TEACHING - 1.

2391

SHRI D JAYAPERUMAL; (B. MAY 7, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL - ANNAMALAI '82.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN CORROSION SCIENCE AND ENGINEERING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, BASIC RES- 5.

2392

SHRI A A JOSEPH; (B. NOVEMBER 1, 1949),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '71.

SPECIALIZATIONS : LABORATORY MAINTENANCE; HOUSE KEEPING; EFFLUENT TREATMENT; SOIL ANALYSIS.

EXPERIENCE : LABORATORY SUPERVISOR, HEAD LABORATORY SUPERVISOR AND TECHNICAL OFFICER (A), C.E.C.R.I., 1976-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : LABORATORY MAINTENANCE.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 13.

2393

SHRI JAMES JOSHEP; (B. MARCH 22, 1969),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADURAI KAMARAJ '83: M.SC. APPLIED CHEMISTRY - COCHIN '86.

SPECIALIZATIONS : APPLIED CHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., C.E.C.R.I., 1987-92: SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1992.

2394

SHRI K KUMAR; (B. OCTOBER 6, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CIVIL - MADURAI KAMARAJ '85.

SPECIALIZATIONS : CORROSION.

EXPERIENCE : DRAUGHTSMAN, GOVT. POLYTECHNIC. TRICHY, 1978-80; INSTRUCTOR, ALAGAPPA POLYTECHNIC. KARAIKUDI, 1980-88; SCIENTIST B, C.E.C.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : RESEARCH IN CORROSION SCIENCE AND ENGINEERING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APPLIED RES. - 4, TECH. DEV. - 2, TEACHING - 8.

2395

DR T PREM KUMAR; (B. MAY 15, 1956),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '76; M.SC. CHEMISTRY - MADRAS '78; PH.D. ELECTROCHEMISTRY - BANGALORE '89.

SPECIALISATIONS : ELECTROCHEMISTRY.

EXPERIENCE : RESEARCH ASSISTANT, LOYOLA COLLEGE. MADRAS, 1978-81; SCIENTIST B. C.E.C.R.I. SINCE JANUARY. 1989.

2396

DR(MISS) SWATI LAHIRI; (B. AUGUST 30, 1954),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE.

QUALIFICATION : B.SC. CHEMISTRY - GUJARAT '75; M.SC. ORGANIC CHEMISTRY - GUJARAT '77: PH.D. CHEMISTRY - GUJARAT '82.

SPECIALISATIONS : ELECTROHYDROMETALLURGY; OCCUPATIONAL HYGIENE; ENVIRONMENTAL MONITORING OF TRACE METALS.

EXPERIENCE : RESEARCH ASSOCIATE, N.I.O., 1982-86: POOL OFFICER, C.E.C.R.I., 1987-89; SCIENTIST B, C.E.C.R.I. SINCE JAN. 1989.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : BENGALI, ENGLISH, GUJARATI, HINDI.

PUBLICATION & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 6, APPLIED RESEARCH - 10, TEACHING - 2, EDITING - 1.

2397

SHRI R MAHALINGAM; (B. MAY 15, 1940),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '67.

SPECIALIZATIONS : HIGH TEMPERATURE MICROSCOPY AND VACUUM EVAPORATION.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1964-88; TECHNICAL OFFICER (B). C.E.C.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : METALLURGICAL MICROSCOPY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 11, MAINTENANCE - 20.

2398

SHRI S T MANICKAM; (B. MAY 25, 1959),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. ZOOLOGY - MADURAI '79; M.SC. MARINE BIOLOGY - ANNAMALAI '82.

SPECIALIZATIONS : MARINE ELECTROCHEMISTRY; MARINE BIOLOGICAL CORROSION; MARINE CORROSION; CORROSION CONTROL - INHIBITORS; FOULING CONTROL - BIOCIDE.

EXPERIENCE : SR. TECH. ASSTT., EXPLORATORY FISHERY PROJECT, GOVT. OF INDIA, MADRAS, 1983; RESEARCH FELLOW (UGC), PORTONOVO, TAMIL NADU, 1983-88; SCIENTIST B. C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN MARINE BIOLOGICAL CORROSION; FOULING & CORROSION CONTROL - EXPLORATION BIOACTIVE COMPOUNDS FROM NATURAL PRODUCTS.

LANGUAGES : TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4. APPLIED RES. - 5.

2399

SHRI S P MANOHARAN; (B. OCTOBER 4, 1959),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

2400

DR S MARUTHAMUTHU; (B. JANUARY 30, 1960),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. ZOOLOGY - M.K.UNIVERSITY '80: M.SC. MARINE BIOLOGY - ANNAMALAI '82; M. PHIL MARINE BIOLOGY - ANNAMALAI '84; PH.D. MARINE BIOLOGY ANNAMALI '90.

SPECIALISATIONS : MARINE BIOLOGY.

EXPERIENCE : S.R.F., PROJECT ASSOCIATE, PROJECT SCIENTIST AND SCIENTIST A, C.E.C.R.I., 1984-92; SCIENTIST B, C.E.C.R.I. SINCE FEB, 1992.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 2, PATENTS TAKEN - 2, PATENTS FILED CURRENTLY - 2, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 13, TECHNICAL DEV. - 7, MAINTENANCE - 7.

2401

SHRI R M MEYYAPPAN; (B. APRIL 1, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '81; M.TECH. CHEMICAL ENGINEERING '90.

SPECIALISATIONS : CHEMICAL ENGINEERING; PLANT DESIGN; ELECTROHYDROMETALLURGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST A, C.E.C.R.I., 1982-89: SCIENTIST B, C.E.C.R.I. SINCE JANUARY. 1989.

PRESENT ACTIVITIES : R & D IN ELECTROHYDROMETALLURGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 1, DESIGN - 1. PILOT PLANT - 1. R & D MANAGEMENT - 2, TEACHING - 2.

2402

DR S MOHAN; (B. OCTOBER 3, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '80; M.SC. CHEMISTRY - MADRAS '82; PH.D. CHEMISTRY - I.I.T., MADRAS '87.

SPECIALISATIONS : ELECTROCHEMISTRY.

EXPERIENCE : POOL OFFICER, C.E.C.R.I., 1989; SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 7. APPLIED RESEARCH - 5.

2403

SHRI S MOHAN; (B. OCTOBER 6, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - TAMILNADU EDUCATION BOARD, '78: POST DIPLOMA IN DIE AND TOOL DESIGN - TAMILNADU EDUCATION BOARD '79; B.E. MECHANICAL ENGINEERING - MADURAI '86.

SPECIALISATIONS : MECHANICAL ENGINEERING DESIGN; DIE AND TOOL DESIGN; ENGINEERING MAINTENANCE AND FABRICATION; ELECTROCHEMICAL CELL DESIGN.

EXPERIENCE : J.T.A., S.T.A. AND SCIENTIST A, C.E.C.R.I., 1980-89: SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : DESIGN, TECHNICAL DEVELOPMENT AND MAINTENANCE.

LANGUAGES : TAMIL, ENGLISH.

2404

DR K R MURALI; (B. MAY 3, 1952),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.E. ELECTRONICS AND COMMUNICATION - MADRAS '75; PH.D. (ENGG.) MATERIALS SCIENCE - I.I.T., KHARAGPUR '81.

SPECIALIZATIONS : PHYSICS AND TECHNOLOGY OF SEMICONDUCTORS; SEMICONDUCTOR DEVICES.

EXPERIENCE : POOL OFFICER AND FELLOW, C.E.C.R.I., 1985-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D IN SEMICONDUCTOR MATERIALS DEVICES AND PHOTOELECTROCHEMISTRY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 90, TECH. REPORTS - 3, PATENTS FILLED -2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL: 14 YEARS).

2405

DR S MURALIDHARAN; (B. JULY 18, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '77; M.SC. CHEMISTRY - MADRAS '79; PH.D. INORGANIC CHEMISTRY - I.I.T., MADRAS '84.

SPECIALIZATIONS : ELECTROCHEMISTRY; INORGANIC CHEMISTRY.

EXPERIENCE : ASSTT. PROFESSOR, C.A.H. COLLEGE, TAMIL NADU, 1984-85; RESEARCH ASSOCIATE AND FELLOW, C.E.C.R.I., 1985-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D IN CORROSION SCIENCE AND ENGINEERING.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL: 12 YEARS), TEACHING - 1.

2406

SHRI M PARAMASIVAM; (B. JUNE 20, 1961),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '84; M.SC. INDUSTRIAL CHEMISTRY - ALAGAPPA '87.

EXPERIENCE : FIELD ASST., C.E.C.R.I., 1988-90; LECTURER, A.V.C. COLLAGE, TAMILNADU, 1990; S.R.F. AND SCIENTIST A, C.E.C.R.I., 1991-92; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1992.

2407

SHRI P PERIASAMY; (B. OCTOBER 8, 1963),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '83; M.SC. CHEMISTRY - MADURAI KAMARAJ '85.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : J.R.F., C.E.C.R.I., 1985-87; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMICAL POWER SOURCES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 7.

2408

DR K L N PHANI; (B. OCTOBER 27, 1956),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - SRI VENKATESWARA '77; M.SC. PHYSICAL CHEMISTRY - SRI VENKATESWARA '79; PH.D. ELECTROCHEMISTRY - I.I.T., MADRAS '84.

SPECIALIZATIONS : ELECTROCHEMISTRY; ELECTRODEPOSITION OF METALS; IONS IN ALUMINIUM ORGANIC SOLUTIONS; ELECTROCHEMISTRY OF PARTICULATE SYSTEMS.

EXPERIENCE : POST DOCTORAL RESEARCH, ELECTROSYNTHESIS LABORATOIRE DE SYNTHESE, C.N.R.S., FRANCE, 1985; RES. ASSOCIATE, POOL OFFICER AND FELLOW, C.E.C.R.I., 1986-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D IN ELECTROCHEMISTRY; ELECTRON TRANSFER THEORY; PHOTOCATALYSIS & PHOTOELECTROCATALYSIS USING COLLOIDS.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH, FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 21.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APPLIED RES. - 5.

2409

SHRI G RADHAKRISHAN; (B. MAY 5, 1962),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - MADURAI KAMARAJ '82; M.SC. PHYSICS - MADURAI KAMRAJ '84.

SPECIALISATIONS : COMPUTER CONTROLLED INSTRUMENTATION; CORROSION INSTRUMENTATION; COMPUTER SOFTWARE FOR ELECTROCHEMICAL APPLICATIONS.

EXPERIENCE : J.T.A., C.E.C.R.I., 1984-89; SCIENTIST B, C.E.C.R.I SINCE MARCH, 1989.

PRESENT ACTIVITIES : COMPUTER CONTROLLED INSTRUMENTATION; ELECTROCHEMISRY.

LANGUAGES : TAMIL, ENGLISH, SANSKRIT.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 2, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 8, COMPUTER PROCESSING - 8.

2410

SHRI N RADHAKRISHNAN; (B. JUNE 27, 1939),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : TRAINING IN SCIENTIFIC GLASS APPARATUS MANUFACTURE - DEPARTMENT OF INDUSTRIES & COMMERCE, MADRAS, 1957; B.A. - MADURAI '76.

SPECIALIZATIONS : SCIENTIFIC GLASS APPARATUS MANUFACTURING.

EXPERIENCE : JUNIOR GLASS BLOWER, S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1958-88; TECHNICAL OFFICER (B). C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : DESIGN AND FABRICATION OF GLASS APPARATUS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, ARTICLES - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN, TECH. DEV., FEBRICATION (TOTAL: 32 YEARS).

2411

SHRI N RAJAGOPALAN; (B. JULY 14, 1945),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65.

SPECIALIZATIONS : FUSED SALT ELECTROWINNING AND ELECTROREFINING.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.E.C.R.I., 1965-86; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : RESEARCH IN FUSED SALT ELECTROREFINING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 1, PATENTS TAKEN - 5 PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR DEVELOPMENT OF MAGNESIUM PROCESS, 1967; NRDC AWARD FOR THE DEVELOPMENT OF IMPROVED MODULAR MAGNESIUM CELL, 1989; WIPO (UN) GOLD MEDAL WINNER FOR THE DEVELOPMENT OF IMPROVED MODULAR MAGNESIUM CELLS. 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP.RES. - 25, PILOT PLANT - 19, CONSULTANCY - 4, OPERATION - 10, QUALITY CONTROL - 5, PRODUCTION - - 14, TECHNOLOGY TRANSFER - 7.

2412

SHRI R RAJASEKAR; (B. JUNE 21, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. ZOOLOGY - MADRAS '80; M.SC. WILDLIFE BIOLOGY - MADRAS '82.

SPECIALISATIONS : ORNITHOLOGY; ELECTROBIOLOGY .

EXPERIENCE : P.G. ASST., GOVT. GIRLS HR. SEC. SCHOOL. MAYILADUTHURAI, 1981-82; RES. ASST.. BOMBAY NATURAL HIST. SOC.. 1982-83; J.T.A., C.E.C.R.I., 1983-89; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, ARTICLES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 5, APPLIED RESEARCH - 2, TEACHING - 2, SURVEY OF NAT. RESOURCES - 1.

2413

SHRI M RAJU; (B. DECEMBER 12, 1965),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL - MADURAI KAMARAJ '87.

SPECIALIZATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN HIGH TEMPERATURE BATTERIES.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 5.

2414

SHRI T RAJU; (B. DECEMBER 10, 1963),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. - ANNAMALAI '87.

SPECIALISATIONS : CHEMICAL ENGINEERING DESIGN; FERTILIZER TECHNOLOGY; PETROLEUM ENGINEERING; ELECTROCHEMICAL ENGINEERING.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : DESIGN, RESEARCH AND DEVELOPMENT IN ELECTROCHEMICAL ENGINEERING.

LANGUAGES : TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 4, DESIGN - 4, TECHNICAL DEV. - 4.

2415

MRS VIJAYLAKSHMI RAMAKRISHNAN; (B. DECEMBER 2, 1947),

TECHNICAL OFFICER (B). CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '68.

SPECIALIZATIONS : ELECTROCHEMISTRY; CORROSION.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A). C.E.C.R.I., 1968-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL. HINDI, ENGLISH.

PULICATIONS & PATENT : RES. PAPERS - 11, REVIEW PAPERS - 6. PATENTS TAKEN - 5. PROCESSES DEVELOPED - 4. PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1. APP. RES. - 23. PILOT PLANT - 3, CONSULTANCY - 2, TESTING - 15.

2416

MRS ALEMELU RAMAMURTHY; (B. SEPTEMBER 14, 1943),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '65.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; DOCUMENTATION

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1966-85; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : DOCUMENTATION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. AND DOCUMENTATION (TOTAL: 10 YEARS).

2417

SHRI R RAMAN; (B. APRIL 6, 1949),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69.

SPECIALISATIONS : INFORMATION, LIAISON AND PUBLICITY; ELECTROMETALLURGY; ORGANISATION OF CONFERENCES.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A). C.E.C.R.I., 1969-88; TECHNICAL OFFICER (B). C.E.C.R.I. SINCE SEPTEMBER. 1988.

LANGUAGES : KANNADA, TAMIL. ENGLISH.

2418

MRS VIDYALAKSHMI RAMAN; (B. OCTOBER 3, 1950),

SCIENTIST B. CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

2419

SHRI C V RAMANI; (B. JANUARY 15, 1940),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.A. - MADRAS '61; DIE IN COSTING - BOMBAY '69.

SPECIALISATIONS : PROJECT ACCOUNTING; PROJECT BUDGETING.

EXPERIENCE : JR. COST ASST., SR. COST ASST. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1969-87; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : PLANNING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : COSTING, PROJECT ACCOUNTING & BUDGETING -21.

2420

SHRI R RAMASAMY; (B. DECEMBER 6, 1946),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B. SC. BOTANY - M.K. UNIVERSITY '74; M.L.I.SC, LIB. & INFORMN. - M.K. UNIVERSITY '86.

SPECIALISATIONS : LIBRARY AND INFORMATION.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A, C.E.C.R.I., 1979-90; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : MANAGEMENT AND PROCUREMENT.

LANGUAGES : TAMIL, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : LIBRARY & INFORMATION - 11.

2421

DR M MOHAN RAO; (B. JULY 12, 1957),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.TECH. CHEMICAL TECHNOLOGY - INSTITUTE OF CHEMICAL TECHNOLOGY, CZECHOSLOVAKIA '83; PH.D. CHEMICAL TECHNOLOGY - INSTITUTE OF CHEMICAL TECHNOLOGY, CZECHOSLOVAKIA '86.

EXPERIENCE : POOL OFFICER, PROJECT OFFICER AND SCIENTIST A, C.E.C.R.I., 1988-92; SCIENTIST B, C.E.C.R.I. SINCE FEB, 1992.

VISITED : CZECHOSLOVAKIA.

2422

MRS VISALAKSHI RAVINDRAN; (B. MARCH 13, 1947),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - DELHI '68; M.A. POLITICAL SCIENCE - MADURAI KAMARAJ '83; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '86, DIP. IN SR. FRENCH - B.I.E.T., BOMBAY '78; DIP. IN RUSSIAN - B.I.E.T., BOMBAY '79; Z.M.P. GERMAN - GOETHE INSTITUTE, GERMANY '92; HINDI PRAGYA - GOVT. OF INDIA '82; HINDI PRAVEEN - GOVT. OF INDIA '86.

SPECIALISATIONS : SCIENTIFIC AND TECHNICAL TRANSLATION; INTERPRETATIONS; EXPERIMENTAL RESEARCH WORK IN CORROSION AND ELECTRODEPOSITION.

EXPERIENCE : J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1975-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : SCIENTIFIC TRANSLATION; RESEARCH IN CORROSION.

LANGUAGES : TAMIL, HINDI, ENGLISH, FRENCH, GERMAN, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 1, PAPER ON TRANSLANTION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 6, R & D MGMT. - 6, TEACHING - 11, SCIENTIFIC TRANSLATION - 17.

2423

DR A RENUKA; (B. MAY 30, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '81, M.ED. CHEMISTRY - ANNAMALAI '87, PH.D. CHEMISTRY - MADRAS '89.

SPECIALISATIONS : ELECTROCHEMICAL STUDIES ON MERCURY DISSOLUTION; ELECTOCHEMICAL REDUCTION OF OXYGEN; INTERACTION OF AMINO AIDS WITH MERCURY; NI-ZN BATTERIES; WATER ACTIVATED BATTERIES.

EXPERIENCE : P.G. TEACHER IN CHEMISTRY, MADRAS, 1982-84; LECTURER, DEPT. OF PHYSICAL CHEMISTRY, UNIVERSITY OF MADRAS, 1984-88; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT.

LANGUAGES : TAMIL, TELUGU, GERMAN, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 6, APPLIED RESEARCH - 2, TEACHING - 3, EDITING - 1.

2424

SHRI PRABHAKAR J RETHINARAJ; (B. JANUARY 17, 1950),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '82.

SPECIALIZATIONS : ELECTROHYDROMETALLURGY; ELECTROCHEMICALS.

EXPERIENCE : GRAD. APPRENTICE, S.L.A., J.T.A. AND S.T.A., C.E.C.R.I., 1970-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, REVIEW PAPERS -2, PATENTS -1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL: 11 YEARS). PILOT PLANT, QUALITY CONTROL (TOTAL: 13 YEARS).

2425

SHRI R M SABARATHINAM; (B. JULY 11, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC, CHEMISTRY - MADURAI '81.

SPECIALISATIONS : ELECTROCHEMISTRY; ELECTROCHEMICAL POLLUTION CONTROL.

EXPERIENCE : J.S.A., AND S.S.A., C.E.C.R.I., 1982-89; SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : DEVELOPMENT AND STANDRDISATION OF ELECTROCHEMICAL METHODS FOR POLLUTION CONTROL.

LANGUAGES : TAMIL, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES.PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10, APPLIED RESEARCH - 10, EDITING - 1, DOCUMENTATION - 1.

2426

SHRI R SANKAR; (B. FEBRUARY 17, 1940),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - TAMIL NADU TECHNICAL EDUCATION BOARD '70.

SPECIALIZATIONS : STRUCTURAL ENGINEERING.

EXPERIENCE : JR. DRAFTSMAN, SR. DRAFTSMAN AND TECHNICAL OFFICER (A), C.E.C.R.I., 1966-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : CIVIL AND OTHER DRAWINGS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : ENGINEERING DRAWING - 23.

2427

SHRI K B SARANGAPANI; (B. AUGUST 20, 1955),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '76; M.SC. CHEMISTRY - MADRAS '78.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : CHEMIST, COROMANDAL PRODUCTS (P)LTD., MADRAS, 1979; JUNIOR ANALYST, FOOD ANALYTICAL LAB., THANJAVUR, 1979-82; J.S.A., C.E.C.R.I., 1982-88; SCIENTIST B, C.E.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 8, TESTING - 2, QUALITY CONTROL - 1.

2428

MRS V SARASWATHY; (B. APRIL 15, 1966),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. CIVIL - MADURAI KAMARAJ '87.

SPECIALIZATIONS : CIVIL ENGINEERING.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN REINFORCED CONCRETE CORROSION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATIONS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1.

2429

DR S SATHANARAYANAN; (B. JANUARY 3, 1969),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. PHYSICS - BHANATHI DASAN '85; M.SC. PHYSICS - BHARATHI- DASAN '87; PG.D.C.A. COMPUTER - BHARATHIDASAN '88; PH.D. CORROSION - MADURAI '92.

SPECIALISATIONS : CORROSION AND ITS CONTROL.

EXPERIENCE : J.R.F., S.R.F. AND SCIENTIST A, C.E.C.R.I., 1988-92; SCIENTIST B, C.E.C.R.I. SINCE FEBURARY, 1992.

2430

SHRI M SELVARAJ; (B. MAY 20, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M. SC. - KERALA '81.

SPECIALISATIONS : VEGETABLE OILS, FATS AND AROMATICS; CORROSION PROTECTIVE ORGANIC COATINGS.

EXPERIENCE : POST GRADUATE ASSISTANT, GOVT. HR. SEC. SCHOOL, THANJAVUR, 1981-83; J.T.A., C.E.C.R.I., 1983-89; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : TAMIL, ENGLISH, MALAYALAM.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 8, TEACHING - 2.

2431

SHRI C SESHADRI; (B. JULY 6, 1942),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : LICENTIATE IN MECHANICAL ENGINEERING - TAMIL NADU '62.

SPECIALISATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1968-85; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL 1988.

PRESENT ACTIVITIES : FABRICATION. ERECTION AND TESTING; PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, ENGLISH.HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 23.

2432

SHRI N SHANMUGAM; (B. APRIL 5, 1945),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '64.

SPECIALIZATIONS : FOREIGN COLLABORATION.

EXPERIENCE : SCIENCE ASSISTANT, PVT. HIGH SCHOOL, 1964-65; CHEMIST, PVT. COMPANY, 1965-66; DEMONSTRATOR, ST. JOSEPH COLLEGE, TRICHY, 1966-71; J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1971-89; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : FOREIGN COLLABORATION.

LANGUAGES : TAMIL, ENGLISH.

2433

SHRI A SHIVASHANMUGAM; (B. JUNE 4, 1965),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - MADURAI KAMARAJ '87.

SPECIALIZATIONS : MECHANICAL ENGINEERING; BATTERIES.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : BATTERY DEVELOPMENT.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 4, TEACHING - 1.

2434

DR INDRA BHUSHAN SINGH; (B. OCTOBER 27, 1958),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - GORAKHPUR '78; M.SC. CHEMISTRY - GORAKHPUR '81; PH.D. CORROSION CHEMISTRY - B.H.U., VARANASI '88.

SPECIALIZATIONS : CORROSION CHEMISTRY.

EXPERIENCE : S.R.F., NATIONAL PROJECT ON METALLIC GLASSES, D.S.T., 1983-86; S.T.A., CENTRAL GROUND WATER BOARD, 1986-89; SCIENTIST B, C.E.C.R.I. SINCE JANUARY, 1989.

2435

SHRI G SOZHAN; (B. JULY 2, 1960),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. MECHANICAL - MADURAI KAMARAJ '83.

SPECIALIZATIONS : AUTOMOBILE ENGINEERING; POWER PLANT ENGINEERING; ELECTROINORGANIC CHEMICALS.

EXPERIENCE : ASSISTANT ENGINEER, NLC, NEYVELI, 1984-88; SCIENTIST B, C.E.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 7, PROCESS DEVELOPMENT -2.

2436

SHRI S SRIKANTAN; (B. DECEMBER 23, 1946),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '66; A.I.C. ANALYTICAL CHEMISTRY - INSTITUTION OF CHEMISTS '87.

SPECIALISATIONS : ELECTROMETALLURGY; SALT ELECTROWINNING; ELECTROREFINING.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1978-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : ELECTROWINNING & ELECTROREFINING.

LANGUAGES : TAMIL, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1, PATENTS TAKEN - 5, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPING NEW MAGNESIUM CELL, 1989; WIPO (UN) GOLD MEDAL FOR DEVELOPING NEW MAGNESIUM CELL, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 20, PILOT PLANT - 20, CONSULTANCY - 4, QUALITY CONTROL - 20, PRODUCTION - 12, TECHNOLOGY TRANSFER - 8.

2437

SHRI R SRINIVASAN; (B. SEPTEMBER 14, 1952),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

EXPERIENCE : TECHNICAL OFFICER (B), C.E.C.R.I. SINCE MAY, 1992.

2438

SHRI G SUBRAMANIAN; (B. SEPTEMBER 14, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '79; M.SC. CHEMISTRY - MADRAS '81; B.ED. - ANNAMALAI '82.

SPECIALIZATIONS : CORROSION CHEMISTRY.

EXPERIENCE : J.T.A., C.E.C.R.I., 1981-89; SCIENITIST B, C.E.C.R.I. SINCE JANUARY, 1989.

2439

SHRI R NAGASETHU SUBRAMANIAN; (B. MAY 24, 1945),

TECHNICAL OFFICER (B), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65.

SPECIALISATIONS : DRY BATTERIES; SCIENTIFIC AND INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), C.E.C.R.I., 1967-88; TECHNICAL OFFICER (B), C.E.C.R.I. SINCE APRIL, 1988.

LANGUAGES : TAMIL, HINDI, ENGLISH.

2440

DR D N UPADAYAY; (B. JANUARY 1, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - GORAKHPUR '79; M.SC. CHEMISTRY - GORAKHPUR '81; PH.D. CHEMISTRY - GORAKHPUR '87.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ELECTROCHEMICAL MATERIALS SCIENCE.

EXPERIENCE : J.R.F., DNES/DST, 1982-85; S.R.F. (CSIR), GORAKHPUR UNIVERSITY, GORAKHPUR, 1986-88; SCIENTIST B, C.E.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2441

DR D VASUDEVAN; (B. FEBRUARY 1, 1962),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. - MADRAS '81; M.SC. CHEMISTRY - MADRAS '83; PH.D. CHEMISTRY - I.I.T., MADRAS '90.

SPECIALIZATIONS : ELECTROCHEMISTRY.

EXPERIENCE : SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN ELECTROCHEMISTRY.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS FILED CURRENTLY - 1, SYMPOSIA - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 4, TEACHING - 2.

2442

SHRI D VELAYUTHAM; (B. JUNE 7, 1961),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADURAI KAMARAJ '84.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : LECTURER, D.V.S. COLL. OF ARTS & SCIENCE, SHIMOGA, 1984-85; CHEMIST 'A', H.P.F., OOTY, 1985; ASSTT. PROFESSOR, SARASWATHI NARAYANAN COLLEGE, MADURAI, 1985-87; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ON ELECTROSYNTHESIS OF ORGANIC COMPOUNDS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, TEACHING - 4, BASIC. RES -2.

2443

MRS T VIJAYABARATHI; (B. DECEMBER 11, 1961),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.SC. CHEMISTRY - MADURAI KAMARAJ '85; B.ED. CHEMISTRY - MADURAI KAMARAJ '86.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : J.R.F., C.E.C.R.I., 1986-87; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN ELECTROORGANIC SYNTHESIS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : REVIEW PAPERS - 2, RES. PAPERS - 4, CONSULTANCY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RES. - 6.

2444

SHRI M VIJAYAN; (B. APRIL 14, 1959),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '79; M.SC. CHEMISTRY - MADURAI KAMARAJ '81; B.ED - ANNAMALAI '82.

SPECIALISATIONS : POLYMER ELECTROCHEMISTRY; CONDUCTING POLYMERS; POLYMERS; MODIFIED ELECTRODES.

EXPERIENCE : P.G. ASST. IN CHEMISTRY, GOVT. HR. SEC. SCHOOL, 1981-83; J.T.A. AND SCIENTIST A, C.E.C.R.I., 1983-89; SCIENTIST B, C.E.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN CONDUCTING POLYMERS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 9, TEACHING - 2, APPLIED RESEARCH - 9.

2445

SHRI P CHAKRAPANI WARRIER; (B. APRIL 5, 1947),

SCIENTIST B, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC - KERALA '66, M.SC CHEMISTRY - KERALA '70.

SPECIALISATIONS : METALLURGY; POWER SOURCES (BATTERIES)

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.E.C.R.I., 1971-87; SCIENTIST B, C.E.C.R.I. SINCE MAY, 1987.

PRESENT ACTIVITIES : R & D IN MAINTENANCE-FREE LEAD-ACID BATTERIES.

LANGUAGES : MALAYALAM, HINDI, TAMIL, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 3, CONSULTANCY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APPLIED RES. - 22.

2446

SHRI K ATHINARAYANASWAMY; (B. AUGUST 26, 1940),

TECHNICAL OFFICER (A). CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : DIPLOMA IN ELECT COMMUNICATION ENGINEERING - GOVERNMENT OF INDIA '70.

SPECIALISATIONS : ELECTRONIC INSTRUMENTS SERVICE, MAINTENANCE AND OPERATION.

EXPERIENCE : S.L.A., J.T.A., S.T.A., R.R.L., TRIVANDRUM, 1972-90; S.T.A., C.E.C.R.I., 1990-91; TECHNICAL OFFICER (A). C.E.C.R.I. SINCE FEBRUARY, 1991.

LANGUAGES : TELUGU. TAMIL. HINDI, ENGLISH.

2447

SHRI J AYYAPPARAJU; (B. JUNE 1, 1950),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : D.E.E. ELECTRICAL - ANDHRA '73.

SPECIALISATIONS : DEPOSITION OF METALS.

EXPERIENCE : J.T.A., S.T.A., C.E.C.R.I., 1980-90; TECHNICAL OFFICER (A). C.E.C.R.I. SINCE APRIL, 1990.

LANGUAGES : TELUGU. HINDI, ENGLISH.

2448

SHRI K KANNAN; (B. MAY 19, 1958),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

EXPERIENCE : TECHNICAL OFFICER (A), C.E.C.R.I. SINCE MARCH, 1990.

2449

SHRI P S MOHAN; (B. JUNE 5, 1949),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '69; A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS (INDIA) '86.

SPECIALISATIONS : ATMOSPHERIC CORROSION; CONVERSION AND OTHER PROTECTIVE COATINGS.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A. AND J.T.A., C.E.C.R.I., 1970-89; TECHNICAL OFFICER (A), C.E.C.R.I. SINCE MARCH 1989.

LANGUAGES : TAMIL, ENGLISH.

2450

SHRI P MURUGANANDHAM; (B. JUNE 9, 1943),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : B.E. - MADRAS '83.

SPECIALISATIONS : BUILDING MATERIALS AND CONSTRUCTION.

EXPERIENCE : JUNIOR ENGINEER, C.E.C.R.I., 1966-91; TECHNICAL OFFICER (A), C.E.C.R.I. SINCE 1991.

LANGUAGES : TAMIL, ENGLISH, HINDI.

2451

SHRI A F MUTHU; (B. SEPTEMBER 6, 1935),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : TRADE CERTIFICATE - TRICHY '52; CERTIFICATE OIL ENGINES - GOVT. OF MADRAS '57; CERTIFICATE STEAM BOILERS - GOVT. OF MADRAS '58.

SPECIALISATIONS : REPAIR AND MAINTENANCE OF OIL ENGINES, STEAM BOILERS AND AIR COMPRESSORS.

EXPERIENCE : FINE MECHANIC, OVERSEER (GAS) AND S.T.A. (GAS), C.E.C.R.I., 1960-86; TECHNICAL OFFICER (A), C.E.C.R.I. SINCE JULY. 1986.

LANGUAGES : TAMIL.

2452

SHRI A PERIAMAYAGAM; (B. JUNE 11, 1938),

TECHNICAL OFFICER (A). CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE. KARAIKUDI.

QUALIFICATIONS : WIREMAN CERTIFICATE - I.T.I. '62.

SPECIALISATIONS : ARMATURE WINDING; FURNACE MAKING; ELECTRICAL EQUIPMENT MAINTENANCE.

EXPERIENCE : ELEC. MISTRY, J.T.A., AND S.T.A. C.E.C.R.I., 1959-87; TECHNICAL OFFICER (A). C.E.C.R.I. SINCE FEBRUARY, 1987.

2453

SHRI K HARI RAO; (B. NOVEMBER 6, 1937),

TECHNICAL OFFICER (A), CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE, KARAIKUDI.

QUALIFICATIONS : M.A. ECONOMICS - MADURAI KAMRAJ '85; M.A. POLITICAL SCIENCE - MADURAI KAMRAJ '82; M.COM - MADURAI KAMRAJ '79.

SPECIALISATIONS : PROJECT PLANNING, COSTING AND MONITORING.

EXPERIENCE : WORK SHOP CLERK, U.D.C., J.T.A. AND S.T.A., C.E.C.R.I., 1965-89; TECHNICAL OFFICER (A), C.E.C.R.I. SINCE JULY, 1989.

LANGUAGES : TAMIL, ENGLISH.

CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE

2454

DR P NATARAJAN; (B. SEPTEMBER 17, 1940),

DIRECTOR, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '59; M.SC. CHEMISTRY - B.H.U. '63; PH.D. CHEMISTRY - UNIVERSITY OF SOUTHERN CALIFORNIA, U.S.A. '71.

SPECIALIZATIONS : INORGANIC PHOTOCHEMISTRY; PHOTOPHYSICS OF COORDINATION COMPOUNDS; LASER FLASH PHOTOLYSIS; CHEMICAL CONVERSION OF SOLAR ENERGY.

EXPERIENCE : LECTURER IN CHEMISTRY, N G M COLLEGE, POLLACHI, 1963-64; J.R.F., B.H.U., BANARAS, 1964-65 AND JIPMER, PONDICHERRY, 1965-66; TEACHING ASSISTANT, RESEARCH ASSISTANT AND NSF TRAINEE, UNIVERSITY OF SOUTHERN CALIFORNIA, USA, 1966-71; POST-DOCTORAL RESEARCH ASSOCIATE WITH J.F. ENDICOTT, WAYNE STATE UNIVERSITY, USA, 1971-72; READER, UNIVERSITY OF MADRAS, 1974-77; PROFESSOR AND HEAD OF DEPTT. UNIVERSITY OF MADRAS, 1977-91; DIRECTOR, C.S.M.C.R.I. SINCE 1991.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT AND MANAGEMENT.

LANGUAGES : TAMIL, ENGLISH, HINDI.

VISITED : U.S.A., BELGIUM, JAPAN, FRANCE, SWITZERLAND, U.K.

PUBLICATIONS & PATENTS : RES. PAPER - 77.

AWARDS & DISTINCTIONS : S S BHATNAGAR PRIZE IN CHEMICAL SCIENCES, 1984; BEST TEACHER AWARD TAMIL NADU GOVT., 1984; FELLOW, TAMIL NADU ACADEMY OF SCIENCE FELLOW, INDIAN ACADEMY OF SCIENCES; FELLOW, INDIAN NATIONAL SCIENCE ACADEMY; UGC NATIONAL LECHIRER, 1986-87; UGC NATIONAL FELLOWSHIP, 1989-91; FELLOW OF BIOSCIENCES, GUJARAT ACADEMY OF SCIENCES; DIRECTOR, UGC SPONSORED ALL INDIA WINTER SCHOOL ON RECENT TRENDS IN PHOTOCHEMISTRY, (DEC. 1983); DIRECTOR, BOARDS OF HINDUSTAN SALTS LTD AND SAMBHAR SALTS LTD., JAIPUR; MEMBER AND CHAIRMAN, VARIOUS SCIENTIFIC SOCIETIES AND COMMITTEES; PATRON. EXECUTIVE COMMITTEE OF INDIAN, DESALINATION ASSOCIATION (INDIA).

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 31, TEACHING - 21, EDITING - 11, R & D MANAGEMENT - 1, ADMINISTRTION - 13.

2455

DR S D GOMKALE; (B. MARCH 8, 1941),

SCIENTIST F, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - NAGPUR '62; M. TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '63; PH.D. CHEMICAL ENGINEERING AND TECHNOLOGY - NAGPUR '75.

SPECIALIZATIONS : CHEMICAL ENGINEERING; SOLAR ENERGY UTILISATION; DESALINATION; TECHNOLOGY UTILIZATION.

EXPERIENCE : SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.S.M.C.R.I., 1964-90; (ALSO STUDIED ON DEVELOPMENT OF DESALINATION AND SOLAR ENERGY UTILISATION, FRANCE, 1968-69; UN EXPERT TO REPUBLIC OF SOMALIA, 1977-78; VISITED U.S.S.R. FOR INDO-U.S.S.R PROGRAMME ON SOLAR ENERGY, 1983; ATTENDED WORKSHOP ON SOLAR AND WIND ENERGY, AUSTRALIA, 1985); SCIENTIST F, C.S.M.C.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D IN SOLAR ENERGY AND CHEMICAL TECHNOLOGY UTILISATION.

LANGUAGES : MARATHI, HINDI, GUJARATI, ENGLISH, FRENCH.

VISITED : FRANCE, REPUBLIC OF SOMALIA, U.S.S.R., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 50, TECH. REPORTS - 10, ARTICLES - 2, OTHERS - 1, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD IN DESALINATION, 1978.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, DESIGN - 23, PILOT PLANT - 6, R & D MGMT. - 16.

2456

DR E R RANGASWAMY IYENGAR; (B. OCTOBER 25, 1935),

SCIENTIST F. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - MYSORE '56; M.SC. PLANT PHYSIOLOGY - B.H.U. '59; PH.D. PLANT PHYSIOLOGY - B.H.U. '69; DIPLOMA IN BUSINESS MANAGEMENT - IBMI. MADRAS '77.

SPECIALIZATIONS : BOTANY; AGRICULTURE; PLANT PHYSIOLOGY; BUSINESS MANAGEMENT.

EXPERIENCE : RESEARCH ASSISTANT, CENTRAL CASHEWNUT RESEARCH STATION, ULLAL, MYSORE STATE, 1959-61; J.S.A., S.S.A.AND SCIENTIST B, C.S.M.C.R.I., 1961-70; PLANT PHYSIOLOGIST, C.S.S.R.I. (ICAR), KARNAL, 1970-71; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.S.M.C.R.I., 1971-85; (ALSO TRAINING ON COASTAL SAND DUNE MANAGEMENT FOR PRODUCTIVITY, TOTTORI UNIVERSITY. JAPAN, 1975); SCIENTIST F, C.S.M.C.R.I. SINCE AUGUST, 1985.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT IN DESERT ECONOMIC PLANTS. HALOPHYIC PLANTS AND NATURAL PRODUCTS; TECHNOLOGY TRANSFER.

LANGUAGES : TAMIL, KANNADA, TELUGU, HINDI, ENGLISH, JAPANESE.

VISITED : JAPAN. U.S.A., MEXICO, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, TECH. REPORTS - 2, MONOGRAPHS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 25, CONSULTANCY - 4, R & D MGMT. - 10, SURVEY OF NATURAL RESOURCES - 2, PLANNING - 20, PATENTS - 3.

2457

SHRI SOHAN LAL DAGA; (B. MAY 7, 1949),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - JODHPUR '66; B.TECH. MECHANICAL ENGINEERING - I.I.T., MADRAS '69; M.TECH. MECHANCIAL ENGINEERING - I.I.T., MADRAS '72.

SPECIALIZATIONS : SOLAR REFRIGERATION; SOLAR ENERGY COLLECTORS AND DEVICES; PROCESS DESIGN AND ENGINEERING; POTASH AND REVERSE OSMOSIS.

EXPERIENCE : RESEARCH SCHOLAR, UNIVERSITY OF ROORKEE, ROORKEE, 1973-76; SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1976-88; SCIENTIST EII, C.S.M.C.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, DESIGN - 2, TECHNICAL DEVELOPMENT - 7, CONSULTANCY - 1.

2458

DR B D DASARE; (B. AUGUST 4, 1935),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - POONA '55; B.SC. (HONS.) CHEMISTRY - POONA '56; M.SC. ORGANIC CHEMISTRY - POONA '57; PH.D. CHEMISTRY - POONA '66.

SPECIALIZATIONS : POLYMER CHEMISTRY; ION EXCHANGE TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., N.C.L., POONA, 1957-66; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I. 1966-86; (ALSO HIGHER STUDIES IN ION-EXCHANGE TECHNOLOGY, U.K., 1971); SCIENTIST EII, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, GUJARATI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 65, PATENTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 32.

2459

DR V K INDUSEKHAR; (B. SEPTEMBER 16, 1937),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - MADRAS '57; M.SC. INORGANIC CHEMISTRY - SAURASHTRA '68; M.SC. PHYSICAL CHEMISTRY - ABERDEEN UNIVERSITY, U.K. '72; PH.D. CHEMISTRY - SAURASHTRA '74.

SPECIALIZATIONS : ION EXCHANGE AND ION EXCHANGE MEMBRANE TECHNOLOGY; INORGANIC ION EXCHANGERS; INDUSTRIAL FLUID AND EFFLUENT TREATMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., N.C.L., POONA, 1958-66; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1966-86; (ALSO STUDY OF POLARISATION AT MEMBRANE SOLUTION INTERFACE, U.K., 1970-71); SCIENTIST EII, C.S.M.C.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, TAMIL, HINDI, GUJARATI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 61, TECH. REPORTS - 4, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD FOR DESALINATION BY ELECTRODIALYSIS, 1975; LIFE MEMBER, NATIONAL ACADEMY OF SCIENCES, INDIA; LIFE MEMBER, INDIAN MEMBRANE SOCIETY; SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD FOR PREVENTING WATER POLLUTION, 1977.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 22, DESIGN - 5, TECHNICAL DEVELOPMENT - 5, PILOT PLANT - 6, TESTING - 6, PRODUCTION - 1, TECHNOLOGY TRANSFER - 2.

2460

SHRI K M MAJEETHIA; (B. OCTOBER 1, 1942),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. ELECTRICAL - GUJARAT '64; B.E. MECHANICAL - GUJARAT '65.

SPECIALIZATIONS : MECHANICAL/ELECTRICAL DESIGN AND FABRICATION; SALT ENGINEERING; SALT WASHING; IODIZATION; SALT HARVESTER; WIND ENERGY UTILIZATION.

EXPERIENCE : ASSISTANT LECTURER, SIR B.P.T. INSTITUTE, BHAVNAGAR, 1965-67; DEPUTY CHIEF ENGINEER, M/S.E.A.S.P., JINJA, UGANDA, 1967-72; SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1972-86; SCIENTIST EII, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D; SALT ENGINEERING.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : UGANDA.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 8, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF ENGINEERS (INDIA); FELLOW, CHARTERED ENGINEERS (INDIA).

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, DESIGN - 17, PILOT PLANT - 17, QUALITY CONTROL, MAINTENANCE, INDUSTRIAL - 6, TEACHING - 2.

2461

DR M J MEHTA; (B. JUNE 24, 1936),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - GUJARAT '61; M.SC. INORGANIC CHEMISTRY - GUJARAT '63; PH.D CHEMISTRY - GUJARAT '71.

SPECIALIZATIONS : SALT AND MARINE CHEMICALS; CORROSION.

EXPERIENCE : S.S.A., C.S.M.C.R.I., 1963-71; SCIENTIST B, I.I.P., DEHRA DUN, 1972-76; SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I. 1976-89; SCIENTIST EII, C.S.M.C.R.I. SINCE MAY, 1989.

PRESENT ACTIVITIES : R & D ON SALT & MARINE CHEMICALS AND CORROSION.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS AND TECH. REPORTS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 15, TECHNICAL DEVELOPMENT - 4, PILOT PLANT - 3, CONSULTANCY - 8, R & D MGMT. - 20, SURVEY OF NATURAL RESOURCES - 7, TECHNO-ECONOMIC SURVEYS - 9.

2462

SHRI K D PADIA; (B. SEPTEMBER 7, 1939),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - GUJARAT '63; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '76.

SPECIALIZATIONS : PLANNING; INFORMATION DISSEMINATION; EDITING; PUBLIC RELATIONS.

EXPERIENCE : S.L.A., S.T.A., P.A.(TECH.), SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1963-88; SCIENTIST EII, C.S.M.C.R.I. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : PUBLIC RELATIONS AND INFORMATION SERVICES.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECH. REPORTS - 25, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 1, EDITING - 10, SURVEY OF NAT. RES - 2, DOCUMENATION - 4, TECHNO-ECO SURVEYS - 2, PLANNING - 2, TECH. TRANSFER - 4, EXTENSION - 4, R & D MANAGEMENT - 5.

2463

DR R RANGARAJAN; (B. NOVEMBER 5, 1945),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - MYSORE '64; M.SC. PHYSICAL CHEMISTRY - BANGALORE '66; PH.D. CHEMISTRY - I.I.SC., BANGALORE '73.

SPECIALIZATIONS : ULTRAFILTRATION AND REVERSE OSMOSIS; ELECTRODIALYSIS; MEMBRANE ELECTRODES AND TRANSPORT; GAS TRANSPORT THROUGH MEMBRANES; THIN FILM COMPOSITES.

EXPERIENCE : SENIOR RESEARCH ASSISTANT, I.I.SC., BANGALORE, 1972; POST-DOCTORAL FELLOW,UNIVERSITY OF SOUTHAMPTON, U.K., 1972-73; POST-DOCTORAL RESEARCH ASSOCIATE , STATE UNIVERSITY OF NEW YORK, BUFFALO, U.S.A., 1974-75; POST-DOCTORAL FELLOW AND POST-DOCTORAL RESEARCH ASSOCIATE, NATIONAL RESEARCH COUNCIL, CANADA, 1975-77; SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1977-88; (ALSO N.S.E.R.C. FELLOW, 1980-81 AND VISITING RESEARCH OFFICER, NATIONAL RESEARCH COUNCIL, CANADA, 1981-82); SCIENTIST EII, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, KANNADA, ENGLISH, GERMAN.

VISITED : U.K., U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PAPERS IN INTERNATIONAL CONFERENCES PRESENTED - 3, PROVISIONAL PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 9.

2464

SHRI VIRENDRAKUMAR JAYANTILAL SHAH; (B. DECEMBER 9, 1943),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. ELECTRICAL - GUJARAT '65; B.E. MECHANICAL - GUJARAT '67; M.S. INDUSTRIAL ENGINEERING - ST. LOUIS UNIVERSITY, U.S.A. '70.

SPECIALIZATIONS : MEMBRANE PROCESS DESALINATION; SOLAR ENERGY UTILISATION.

EXPERIENCE : DESIGN ENGINEER, A.M. KINNEY INC., CINCINNATI,OHIO, U.S.A., 1970-72; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1972-87; SCIENTIST EII, C.S.M.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D ON SPIRAL CONFIGURATION BASED REVERSE OSMOSIS PLANTS FOR CONVERTING BRAKISH WATER INTO POTABLE WATER.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : U.S.A., GERMANY, U.K., JAPAN, FRANCE, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 3, PATENTS FILED - 5, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD FOR CONVERTING BRAKISH WATER INTO POTABLE WATER, 1978; RESEARCH PAPER PRIZE; INDIAN WATER WORKS ASSOCIATION, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, DESIGN - 3.

2465

SHRI VINOD MANSUKHLAL SHETH; (B. SEPTEMBER 4, 1950),

SCIENTIST EII, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - B.H.U. '72.

SPECIALIZATIONS : INORGANIC CHEMICALS; PARTICLE TECHNOLOGY; PROCESS DEVELOPMENT.

EXPERIENCE : J.R.F., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.S.M.C.R.I., 1972-90; SCIENTIST EII, C.S.M.C.R.I. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT ON INORGANIC CHEMICALS.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 10, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11, DESIGN - 2, PILOT PLANT - 4, CONSULTANCY - 1, COMPUTER PROGRAMMING - 1.

2466

DR O K SRIVASTAVA; (B. JULY 1, 1937),

SCIENTIST EII. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - LUCKNOW '55; M.SC. INORGANIC CHEMISTRY - LUCKNOW '57; PH.D. CHEMISTRY - I.I.SC., BANGALORE '64.

SPECIALIZATIONS : CHEMISTRY OF THE RARE-EARTH METAL COMPOUNDS; VACUUM TECHNIQUES; INSTRUMENTAL ANALYSIS; PHYSICAL PROPERTIES OF MATERIALS.

EXPERIENCE : J.R.A. AND P.D.F., I.I.SC., BANGALORE, 1962-64; POST-DOCTORAL FELLOW. NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA. 1964-66; RESEARCH ASSOCIATE. TUFTS UNIVERSITY. MEDFORD. MASS, U.S.A., 1966-67; VISITING SCIENTIST. IMMACULATA COLLEGE. IMMACULATA. PENNSYLVANIA. U.S.A., 1967-68: SCIENTIST C AND SCIENTIST EI. C.S.M.C.R.I., 1968-85; SCIENTIST EII. C.S.M.C.R.I. SINCE SEPTEMBER. 1985.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI. ENGLISH.

VISITED : CANADA. U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 33.

2467

SHRI AKHILESH TEWARI; (B. JULY 15, 1942),

SCIENTIST EII. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - GORAKHPUR '60; M.SC. BOTANY - B.H.U. '62.

SPECIALIZATIONS : CULTIVATION OF MARINE AND FRESH WATER ALGAE: PRESERVATION OF SEAWEEDS: EFFECTS OF NUTRIENTS AND POLLUTANTS ON ALGAE: ALGAE CONTROL AND ERADICATION.

EXPERIENCE : LECTURER. TOWN DEGREE COLLEGE. BALLIA, 1962; J.S.A., S.S.A., SCIENTIST B. SCIENTIST C AND SCIENTIST EI. C.S.M.C.R.I., 1963-88: (ALSO STUDY OF TECHNIQUE ON THE MEASUREMENT OF PRODUCTIVITY UNDER AQUATIC CONDITION, POLAND, 1975); SCIENTIST EII. C.S.M.C.R.I. SINCE NOVEMBER. 1988.

PRESENT ACTIVITIES : RESEARCH ON CULTIVATION OF MARINE ALGAE AND EFFECT OF MARINE POLLUTANTS ON SEAWEEDS AND MONITORING OF MARINE POLLUTANTS.

LANGUAGES : HINDI. ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 32. TECH. REPORTS - 6. PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27. CONSULTANCY - 2. TEACHING - 1. R & D MGMT. - 10. PLANNING - 10.

2468

SHRI RAJINDER NATH VOHRA; (B. SEPTEMBER 11, 1938),

SCIENTIST EII. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - DELHI '60.

SPECIALIZATIONS : HEAT AND MASS TRANSFER; PARTICLE TECHNOLOGY: PROCESS DEVELOPMENT.

EXPERIENCE : SUPERINTENDENT PRODUCTION. DEPARTMENT OF INDUSTRIES. U.P., 1960-63; S.S.A., SCIENTIST B. SCIENTIST C AND SCIENTIST EI. C.S.M.C.R.I., 1963-86; (ALSO TO STUDY DIFFERENT TECHNIQUES OF PARTICLE TECHNOLOGY AND SIZE SEPARATION. W. GERMANY. 1975-76); SCIENTIST EII. C.S.M.C.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : R & D; COMPUTER-AIDED STUDIES: PROCESS DESIGN FOR LOW BORON MAGNESIA FROM SEAWATER: DEVELOPMENT OF PROCESS FOR RECOVERY OF CHEMICAL GRADE POTASSIUM CHLORIDE FROM SUB-SOIL BRINE/BITTERN.

LANGUAGES : PUNJABI. HINDI. ENGLISH. GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECHNICAL REPORTS - 8. PATENTS FILED - 1, PROCESSES DEVELOPED - 4. PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2. APP. RES., DESIGN. TECH. DEV. (TOTAL: 25 YEARS). CONSULTANCY - 2.

2469

SHRI MAHABALA RAMACHANDRA ADIGA; (B. FEBRUARY 9, 1951),

SCIENTIST EI. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : M.SC. PHYSICS - GUJARAT '74.

SPECIALIZATIONS : SOLAR CONCENTRATORS AND COLLECTORS: PHOTOVOLTAICS: DESALINATION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C. C.S.M.C.R.I., 1974-88; SCIENTIST EI. C.S.M.C.R.I. SINCE SEPTEMBER, 1988.

LANGUAGES : KANNADA. HINDI. ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, ARTICLES - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN. TECH. DEV., TESTING, TECHNO-ECONOMIC SURVEYS (TOTAL: 12 YEARS).

2470

DR P S ANAND; (B. MARCH 17, 1948),

SCIENTIST EI. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - JABALPUR '68; M.SC. ORGANIC CHEMISTRY - JABALPUR '71; PH.D. CHEMISTRY - SAURASHTRA '81.

SPECIALIZATIONS : ION EXCHANGE TECHNOLOGY; POLLUTION CONTROL; POLYMER CHEMISTRY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C. C.S.M.C.R.I., 1972-91; (ALSO STUDY IN POLYMER CHEMISTRY. MARBURG UNIVERSITY, W. GERMANY, 1979-81 AND 1988); SCIENTIST EI. C.S.M.C.R.I. SINCE MARCH, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI, HINDI, GUJARATI, ENGLISH, GERMAN.

VISITED : GERMANY, SWITZERLAND, ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 32.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 18.

2471

DR N V DESAI; (B. MAY 23, 1940),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '64; M.SC. CHEMISTRY - BOMBAY '73; PH.D. CHEMISTRY - SAURASHTRA '80.

SPECIALIZATIONS : MEMBRANE DEVELOPMENT; APPLICATIONS OF REVERSE OSMOSIS/ULTRAFILTRATION TECHNIQUES.

EXPERIENCE : JUNIOR CHEMIST AND SENIOR CHEMIST, M/S INDIAN RAYON CORPORATION LTD., VERAVAL, 1964-68; S.L.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1968-90; (ALSO ADVANCED TRAINING IN POLYMER SYNTHESIS FOR OSMOTIC MEMBRANES, U.K., 1978); SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN REVERSE OSMOSIS/ULTRAFILTRATION TECHNIQUES.

LANGUAGES : GUJARATI, HINDI, MARATHI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 12, PILOT PLANT - 10, QUALITY CONTROL - 2, PRODUCTION - 4.

2472

SHRI S N GHOSH; (B. AUGUST 7, 1944),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) MATHEMATICS - CALCUTTA '62; M.SC. MATHEMATICS - CALCUTTA '66.

SPECIALIZATIONS : MATHEMATICAL/STATISTICAL FORECASTING; QUALITY CONTROL OF COAL; R & D MANAGEMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-82; SCIENTIST C, C.S.M.C.R.I., 1982-88; SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : PLANNING, MONITORING AND EVALUATION OF R & D PROJECTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 10, ARTICLES - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, R & D MGMT. - 12, QUALITY CONTROL - 19, TEACHING - 1, TECHNO-ECONOMIC SURVEYS - 15, PLANNING - 12.

2473

DR AMJAD HUSSAIN; (B. JUNE 16, 1951),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. SPECIAL CHEMISTRY - OSMANIA '70; M.SC. INORGANIC CHEMISTRY - OSMANIA '73; PH.D CHEMISTRY - OSMANIA '78.

SPECIALIZATIONS : METAL COMPLEXES - SOLUTION EQUILIBRIA, SYNTHESIS AND KINETICS.

EXPERIENCE : A.R.O. AND R.O., DSRU, HYDERABAD (CCRUM), 1979-84; SCIENTIST C, C.S.M.C.R.I., 1984-87; SCIENTIST EI, C.S.M.C.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : RESEARCH IN SOLUTION EQUILIBRIA AND SYNTHESIS OF M-OXO COMPLEXES OF RU.

LANGUAGES : URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, R & D MGMT. - 12.

2474

DR(MISS) S V JOSHI; (B. OCTOBER 24, 1946),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - SAURASHTRA '69; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '71; PH.D. ORGANIC CHEMISTRY - SAURASHTRA '75.

SPECIALIZATIONS : NOVEL MEMBRANE DEVELOPMENT FOR THE REVERSE OSMOSIS TECHNIQUE; POLYMERS FOR REVERSE OSMOSIS MEMBRANE.

EXPERIENCE : J.R.F., S.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1971-91; (ALSO TRAINING IN POLYMER MEMBRANE DEVELOPMENT FOR REVERSE OSMOSIS TECHNIQUE, W. GERMANY, 1978-79); SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15.

2475

DR R M KAVA; (B. JANUARY 30, 1939),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '62; M.SC. INORGANIC CHEMISTRY - SAURASHTRA '70; PH.D. CHEMISTRY - SAURASHTRA '75.

SPECIALIZATIONS : RECOVERY OF MARINE CHEMICALS; DESALINATION BY REVERSE OSMOSIS.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1962-88; (ALSO STUDY OF THE MEMBRANE TECHNOLOGY, U.S.A., 1977); SCIENTIST EI, C.S.M.C.R.I. SINCE JANUARY, 1988

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 32, PATENTS TAKEN - 5, PATENTS FILED - 5, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD FOR CONVERTING BRAKISH WATER INTO POTABLE WATER, 1978; RESEARCH PAPER PRIZE, INDIAN WATER WORKS ASSOCIATION, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 22, PILOT PLANT - 3, ADMN. - 2.

2476

DR OM PRAKASH MAIRH; (B. FEBRUARY 15, 1940),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - RAJASTHAN '60; M.SC. BOTANY - RAJASTHAN '63; PH.D. BOTANY - SAURASHTRA '74.

SPECIALIZATIONS : MARINE ALGAE - ECOLOGY, MORPHOLOGY, CULTURE AND CULTIVATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I. 1963-88; (ALSO TRAINING IN CULTURE AND CULTIVATION OF MARINE ALGAE, KOCHI UNIVERSITY, JAPAN, 1983-84 AND TRAINING IN RESEARCH APPLICATION OF IONISING RADIATION AT BARC, TROMBAY, BOMBAY, 1983); SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH ON MARINE ALGAE.

LANGUAGES : HINDI, GUJARATI, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 26, TECH. REPORTS - 3, ARTICLES - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 20, R & D MGMT. - 1, SURVEY OF NATURAL RESOURCES - 4, PLANNING - 10.

2477

DR ADITYA SHANTIBHAI MEHTA; (B. FEBRUARY 21, 1950),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '73; PH.D. CHEMISTRY - BHAVNAGAR '86.

SPECIALIZATIONS : RECOVERY OF MARINE CHEMICALS; SOLAR ENERGY UTILISATION.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1975-87; (ALSO VISITED BANGLADESH UNDER UNIDO FOR FEASIBILITY REPORT ON THE PRODUCTION OF SALT, 1979); SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : BANGLADESH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 5, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 5, DESIGN - 3, TECHNICAL DEVELOPMENT - 3, PILOT PLANT - 7, CONSULTANCY - 2, TECHNO-ECONOMIC SURVEYS - 2.

2478

DR P M OZA; (B. OCTOBER 24, 1943),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '65; M.SC. INORGANIC CHEMISTRY - GUJARAT '67; PH.D. RADIATION CHEMISTRY OF ORGANIC SYSTEMS - SAURASHTRA '72.

SPECIALIZATIONS : SYNTHESIS AND EVALUATION OF SILICA-BASED CHEMICALS; MOLECULAR SIEVES; ALUMINIUM HYDROXIDE; PILLARED INTERLAYERED CLAYS..

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1966-88; SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 4, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 14, CONSULTANCY - 3.

2479

DR R M OZA; (B. SEPTEMBER 23, 1941),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '63; M.SC. BOTANY - GUJARAT '65; PH.D. BOTANY - GUJARAT '72.

SPECIALIZATIONS : MARINE ALGAE - ECOLOGY, CULTURE AND CULTIVATION.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1967-89; (ALSO ADVANCED STUDIES IN CULTURE AND CYTOLOGY OF ALGAE, PHILLIPS UNIVERSITY, MARBURG, WEST GERMANY, 1971-72); SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH IN SEAWEEDS.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, SCIENTIFIC BOOKS - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 17, R & D MGMT. - 6, PLANNING - 6.

2480

SHRI JAYANT B PANDYA; (B. NOVEMBER 12, 1945),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '68; M.SC. AGRICULTURE - SARDAR PATEL '71; DIPLOMA IN RECLAMATION AND MANAGEMENT OF SALINE SOILS - U.S.S.R. '78.

SPECIALIZATIONS : AGRICULTURAL CHEMISTRY; SEAWATER FOR CROP PLANTS AND BIOSALINE RESEARCH; ECONOMIC PLANT CULTIVATION AND ITS CHEMISTRY; RECLAMATION OF WASTELANDS AND DEVELOPMENTAL CHEMISTRY.

EXPERIENCE : TECHNICAL ASSISTANT, INSTITUTE OF AGRICULTURE, ANAND, 1970-71, S.S.A., SOIL SURVEY OFFICE, BARODA, 1971-72; J.R.F., S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1972-90; SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : RESEARCH ON INDUSTRIALLY USEFUL DESERT & HALOPHYTE PLANTS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 2, REVIEW ARTICLES - 1, PATENTS - 2, PROCESS UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 5, R & D MGMT. - 4.

2481

DR R G PAREKH; (B. AUGUST 27, 1937),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '60; M.SC. INORGANIC CHEMISTRY - GUJARAT '62; PH.D. CHEMISTRY - BHAVNAGAR '85.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY; ALGAE CHEMISTRY; ALGAL POLYSACCHARIDES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I. 1962-89; SCIENTIST EI, C.S.M.C.R.I. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 40, TECHNICAL REPORTS - 1, ARTICLES - 1, POPULAR SCIENCE BOOKS - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 11, TECHNICAL DEVELOPMENT - 1, PILOT PLANT - 1.

2482

DR M N PRAJAPATI; (B. FEBRUARY 3, 1939),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - SARDAR PATEL '63; M.SC. CHEMISTRY - BOMBAY '72; PH.D. CHEMISTRY - BOMBAY '82.

SPECIALIZATIONS : ION EXCHANGE MATERIALS AND MEMBRANES; WATER AND WASTE WATER TREATMENT; WATER DESALINATION.

EXPERIENCE : ASSISTANT TEACHER, PANCH SHIL HIGH SCHOOL, LUNAVADA, 1963-64; S.L.A., N.C.L., PUNE, 1964-65; JUNIOR CHEMIST & METALLURGICAL ASSISTANT, WESTERN RAILWAY, BHAVNAGAR, 1965-66; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1966-91; SCIENTIST EI, C.S.M.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECHNICAL REPORTS - 3, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD IN DESALINATION BY ELECTRODIALYSIS, 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 22, DESIGN - 22, TECHNICAL DEVELOPMENT - 22, PILOT PLANT - 5, CONSULTANCY - 2, R & D MGMT. - 22, TEACHING - 1, SURVEY OF NATURAL RESOURCES - 1.

2483

DR S T RAJAN; (B. JANUARY 21, 1949),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. MECHANICAL - MADRAS '72; PH.D. MECHANICAL - I.I.T., KHARAGPUR '81.

SPECIALIZATIONS : STIRLING ENGINES; ENERGY CONSERVATION; COMPUTER APPLICATIONS; SOLAR CENTRAL RECEIVER THERMAL POWER SYSTEMS; HIGH TEMPERATURE SOLAR CONCENTRATORS.

EXPERIENCE : ENGINEER AND PARTNER, ADVENTURERS ENGINEERS, SALEM, 1972-74; J.R.F. (C.S.I.R.), GOVT. COLLEGE OF ENGINEERING, SALEM, 1974-77; LECTURER, SAMBALPUR UNIVERSITY, 1980-81; SCIENTIST C, C.S.M.C.R.I., 1981-87; (ALSO RESEARCH IN SOLAR THERMAL POWER PLANT, U.S.S.R., 1985); SCIENTIST EI, C.S.M.C.R.I. SINCE JUNE, 1987; (ALSO RESEARCH IN SOLAR CENTRAL RECEIVER, THERMAL POWER SYSTEMS, U.S.A., 1988).

PRESENT ACTIVITIES : R&D IN STIRLING ENGINES & ENERGY CONSERVATION; COMPUTER AIDED DESIGN & EVALUATION OF SALT & MARINE CHEMICAL PROCESSES.

LANGUAGES : KANNADA, TAMIL, HINDI, GUJARATI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PAPERS PRESENTED - 12, ARTICLES - 2, PATENTS - 2, PROJECT REPORT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 10, IND. MGMT. - 3, TEACHING - 1.

2484

DR K RAMA RAO; (B. JULY 1, 1939),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - ANDHRA '60; M.SC. BOTANY - ANDHRA '62; PH.D. MARINE BOTANY - SAURASHTRA '75.

SPECIALIZATIONS : CYTOGENETICS; PLANT BREEDING; MARINE ALGAE; RESOURCE ASSESSMENT; AQUACULTURE CHEMISTRY AND UTILISATION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1964-89; SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, GUJARATI, TAMIL, ENGLISH, FRENCH, GERMAN.

VISITED : CZECHOSLOVAKIA, W. GERMANY, SWITZERLAND, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, ARTICLES - 15, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, SURVEY OF NATURAL RESOURCES - 25, SEAWEED AQUACULTURE - 20.

2485

SHRI S N SAH; (B. JANUARY 16, 1941),

WORKSHOP SUPERINTENDENT (EI), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - INDIAN RAILWAY INSTITUTE, JAMALPUR '66; B.O.A.T. MECHANICAL ENGINEERING - W. BENGAL '68; A.M.I.E. MECHANICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '75; P.G. DIPLOMA IN BUSINESS MANAGEMENT - INSTITUTE OF BUSINESS MANAGEMENT, INDIA '78.

SPECIALIZATIONS : FERROUS AND NON-FERROUS FOUNDRY PRACTICE.

EXPERIENCE : APPRENTICE, SUPERVISOR AND SENIOR SUPERVISOR, LOCOMOTIVE & ENGINEERING WORKSHOP, EASTERN RAILWAY, JAMALPUR, 1963-78; WORKSHOP SUPERINTENDENT (B) AND WORKSHOP SUPERINTENDENT (C), C.S.M.C.R.I., 1978-87; WORKSHOP SUPERINTENDENT (EI), C.S.M.C.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : TECHNICAL DEVELOPMENT, INDUSTRIAL PRODUCTION, PLANNING AND WORKSHOP MAINTENANCE.

LANGUAGES : HINDI, BENGALI, GUJARATI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 14, PRODUCTION - 10, PLANNING - 4, ADMN. - 4.

2486

DR H N SHAH; (B. JANUARY 22, 1942),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '63; M.SC. CHEMISTRY - BOMBAY '74; PH.D. ORGANIC CHEMISTRY - SAURASHTRA '83.

SPECIALIZATIONS : SEAWEED CHEMICALS; MARINE CHEMICALS; REVERSE OSMOSIS FOR CHEMICAL RECOVERY AND WATER DESALINATION; SALT TECHNOLOGY.

EXPERIENCE : PLANT COLLECTOR, S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I., 1963-90; SCIENTIST EI, C.S.M.C.R.I. SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D ON SALT TECHNOLOGY, RECOVERY OF BROMINE FROM INDUSTRIAL EFFLUENT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECHNICAL REPORTS - 2, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 4.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR SODIUM ALGINATE FROM BROWN ALGAE, 1966; INVENTIONS PROMOTION BOARD AWARD FOR IMPORT SUBSTITUTION FOR AGAR-AGAR, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, PILOT PLANT - 10.

2487

DR K SUBBARAMAIAH; (B. FEBRUARY 5, 1935),

SCIENTIST EI, MARINE ALGAL RESEARCH STATION, MANDAPAM (CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR).

QUALIFICATIONS : B.SC. BOTANY - ANDHRA '53; M.SC. BOTANY - B.H.U. '55; PH.D. BOTANY - B.H.U. '63; P.G. DIPLOMA IN SPECTROSCOPY - B.H.U. '59; DIPLOMA IN HINDI - B.H.U. '57.

SPECIALIZATIONS : PHYCOLOGY - BOTANY; CULTIVATION OF SEAWEEDS; RESOURCE SURVEY OF MARINE ALGAE; PHYSIOLOGICAL ECOLOGY OF MARINE ALGAE.

EXPERIENCE : DEMONSTRATOR, A.C. COLLEGE, GUNTUR, 1955-56; RESEARCH ASSISTANT AND LECTURER, DEPARTMENT OF BOTANY, B.H.U., VARANASI, 1956-61; J.S.O., S.S.O. II AND SCIENTIST C, C.S.M.C.R.I., 1962-78; SCIENTIST EI, C.S.M.C.R.I. SINCE 1978 AND SCIENTIST-IN-CHARGE, MARINE ALGAL RESEARCH STATION, MANDAPAM SINCE 1972.

PRESENT ACTIVITIES : R & D IN MARINE ALGAL RESOURCE SURVEY AND CULTIVATION.

LANGUAGES : TELUGU, TAMIL, HINDI, GUJARATI, ENGLISH, GERMAN.

VISITED : U.K., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, TECH. REPORTS - 10, ARTICLES - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 29, CONSULTANCY - 4, R & D MGMT. - 19, TEACHING - 2, SURVEY OF NATURAL RESOURCES - 12.

2488

DR K VENKATASUBRAMANIAN; (B. JUNE 30, 1938),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '58; M.SC. PHYSICS - BOMBAY '63; PH.D. PHYSICS - CALCUTTA '84.

SPECIALIZATIONS : CRYSTALLOGRAPHY; ELECTRONIC SPECTRA OF LANTHARIDES, SYNTHESIS AND THERMAL STUDIES.

EXPERIENCE : RESEARCH ASSTT., CORNELL UNIVERSITY AND HARVARD MEDICAL SCHOOL, U.S.A, 1964-66; RESEARCH ASSTT., IMPERIAL COLLEGE, LONDON, U.K., 1967-69; ASSTT. ADMN. OFFICER, CITY & GUILDS, LONDON, U.K., 1973-76; N.I.H. RESEARCH ASSOCIATE, SUNY, ALBANY, U.S.A., 1976-77; RESEARCH FELLOW, SAHA INSTITUTE OF NUCLEAR PHYSICS, CALCUTTA, 1978-81; RESEARCH ASSOCIATE, INDORE UNIVERSITY, INDORE, 1981-83; ASSOCIATE PROFESSOR & IN-CHARGE, CHEMISTRY DEPT., DR. J.N. MISRA INST. OF TECH., PATNA, 1983-84; SCIENTIST C, C.S.M.C.R.I., 1984-87; SCIENTIST EI, C.S.M.C.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : RESEARCH IN CRYSTALLOGRAPHY.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A., U.K., HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 41, PAPERS PRESENTED - 98.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, ADMN. - 4.

2489

DR M H VYAS; (B. MAY 1, 1936),

SCIENTIST EI, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - GUJARAT '61; M.SC. INORGANIC CHEMISTRY - GUJARAT '63; PH.D. INORGANIC CHEMISTRY - GUJARAT '77.

SPECIALIZATIONS : CORROSION PREVENTION; SALT AND MARINE BYPRODUCTS; INORGANIC CHEMICALS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.S.M.C.R.I. 1963-89; SCIENTIST EI, C.S.M.C.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 7, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 22, TECHNICAL DEVELOPMENT - 6, PILOT PLANT - 20, CONSULTANCY - 4.

2490

DR S K ADHIKARY; (B. APRIL 20, 1949),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - JADAVPUR '69; M.SC. PHYSICAL CHEMISTRY - JADAVPUR '71; PH.D. CHEMISTRY - JADAVPUR '77.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ION EXCHANGE TECHNOLOGY; ELECTRODIALYSIS; DESALINATION.

EXPERIENCE : J.S.A., S.S.A., TECHNICAL OFFICER (A) AND SCIENTIST B, C.S.M.C.R.I. 1979-89; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN ION-EXCHANGE MEMBRANE AND ELECTRODIALYSIS.

LANGUAGES : BENGALI, HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PATENTS FILED - 2, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 9, TECH. DEV. - 2.

2491

DR H C BAJAJ; (B. APRIL 13, 1956),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - KURUKSHETRA '76; M.SC. PHYSICAL CHEMISTRY - MAHARISHI DAYANAND '78; PH.D. CHEMISTRY - I.I.T., KANPUR '83.

SPECIALIZATIONS : KINETICS OF LIGAND EXCHANGE REACTONS; HOMOGENEOUS CATALYSIS; HETEROGENEOUS AND HOMOGENEOUS CATALYSIS; COORDINATION COMPOUNDS; HIGH PRESSURE KINETICS.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I., 1982-86; SCIENTIST C, C.S.M.C.R.I. SINCE DECEMBER 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 11 YEARS).

2492

SHRI VALAPALA BALAKRISHNA; (B. JULY 15, 1952),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) BOTANY - BERHAMPUR '73; M.SC. BOTANY - BERHAMPUR '75.

SPECIALIZATIONS : PLANT PHYSIOLOGY AND BIOCHEMISTRY; PLANTATION OF DESERT ECONOMIC PLANTS; TISSUE CULTURE..

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1979-88; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH AND EXTENSION ON INTRODUCTION OF DESERT ECONOMIC PLANTS.

LANGUAGES : TELUGU, HINDI, ORIYA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 8, EXTENSION - 4.

2493

DR M M BHADBHADE; (B. AUGUST 28, 1956),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. PHYSICS - POONA '75; M.SC. PHYSICS - I.I.T., KHARAGPUR '77; PH.D. ORGANIC CHEMISTRY - I.I.SC., BANGALORE '83.

SPECIALIZATIONS : X-RAY CRYSTALLOGRAPHY; THEORETICAL ENERGY CALCULATIONS; STRUCTURE FUNCTION CORRELATION.

EXPERIENCE : POST-DOCTORAL RESEARCH, UNIVERSITY OF OXFORD, U.K., 1983-87; FELLOW SCIENTIST, C.S.M.C.R.I., 1987-88; SCIENTIST C, C.S.M.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : X-RAY CRYSTALLOGRAPHIC INVESTIGATIONS OF INORGANIC COMPLEXES AND MARINE NATURAL PRODUCTS.

LANGUAGES : MARATHI, HINDI, BENGALI, GUJARATI, KANNADA, ENGLISH, FRENCH.

VISITED : U.K., U.S.A., W. GERMANY, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 13.

2494

DR B J BHALALA; (B. FEBRUARY 26, 1940),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '63; M.SC. CHEMISTRY - BOMBAY '74; PH.D. CHEMISTRY - SAURASHTRA '85.

SPECIALIZATIONS : RADIOACTIVITY OF ISOTOPES IN SEAWEEDS; MODIFICATIONS OF MEMBRANES BY RADIATION GRAFTING; SYNTHESIS AND EVALUATION OF SODIUM ALUMINO SILICATES; PREPARATION AND CHARACTERIZATION OF COLLOIDAL SILICA; ALUMINIUM HYDROXIDE AND ORGANO CLAYS.

EXPERIENCE : S.A. (A), B.A.R.C., BOMBAY, 1964-67; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1968-86; SCIENTIST C, C.S.M.C.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENT - 1, PROCESS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

2495

SHRI A M BHATT; (B. NOVEMBER 9, 1954),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '75; M.SC. INORGANIC CHEMISTRY - SAURASHTRA '78.

SPECIALIZATIONS : CHEMICAL ANALYSIS; PROCESS DEVELOPMENT; SALT WORKS OPERATIONS AND SOLAR SALT PRODUCTION; IODISED SALT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., TECHNICAL OFFICER (A) AND SCIENTIST B, C.S.M.C.R.I., 1976-90; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : CHEMICAL ANALYSIS; R & D IN SALT QUALITY IMPROVEMENT AND DATA COLLECTION ON BENCH SCALE/LARGE SCALE EXPERIMENTS; IODISED SALT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11, PRODUCTION - 2.

2496

DR JITENDRA CHIKARA; (B. NOVEMBER 22, 1952),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. BOTANY - MEERUT '71; M.SC. BOTANY - MEERUT '73; M.PHIL. BOTANY - MEERUT '75; PH.D. BOTANY - MEERUT '82.

SPECIALIZATIONS : CYTOGENETICS AND INDUCED MUTATIONS; PLANT BREEDING; TISSUE CULTURE.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1981-87; SCIENTIST C, C.S.M.C.R.I. SINCE MAY, 1987.

PRESENT ACTIVITIES : RESEARCH IN PHYTOSALINITY.

LANGUAGES : HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 3, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 6.

2497

SHRI M J DAVE; (B. SEPTEMBER 10, 1942),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - M.S., BARODA '64.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : CHEMIST, ALEMBIC CHEMICAL WORKS, BARODA AND NEW ASARWA MILLS, BARODA, 1961-63; J.R.F., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1964-81; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 23, PILOT PLANT - 4.

2498

DR G T DESAI; (B. JUNE 27, 1938),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '59; M.SC. INORGANIC CHEMISTRY - GUJARAT '63; PH.D. INORGANIC CHEMISTRY - GUJARAT '78.

SPECIALIZATIONS : FORTIFICATION OF SALT; INORGANIC ION-EXCHANGERS; SCALE FORMATION IN SEAWATER DESALINATION BY ELECTRODIALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1963-83; SCIENTIST C, C.S.M.C.R.I. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 26, TESTING - 2, QUALITY CONTROL - 2.

2499

SHRI M R GANDHI; (B. MAY 11, 1954),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GUJARAT '76.

SPECIALIZATIONS : SOLAR ENERGY: HEAT AND MASS TRANSFER; FERTILISERS AND PETROCHEMICALS; PROCESS DESIGN.

EXPERIENCE : J.R.F., S.S.A. AND SCIENTIST B, C.S.M.C.R.I., 1976-86; (ALSO TRAINING IN SOLAR ENERGY, SWITZERLAND, 1982); SCIENTIST C, C.S.M.C.R.I., SINCE MAY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

VISITED : SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 13, DESIGN - 10, TECH. DEVELOPMENT - 10, PILOT PLANT- 10, OPERATION - 10, MAINTENANCE - 10, COMPUTER PROCESSING - 5.

2500

DR(MRS) S J GOHIL; (B. SEPTEMBER 25, 1945),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - GUJARAT '67; M.SC. INORGANIC CHEMISTRY - BOMBAY '81; PH.D. CHEMISTRY - BHAVNAGAR '91.

SPECIALIZATIONS : POTASSIUM CHEMICALS AND FERTILISERS FROM SEA; INORGANIC CHEMICALS.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., TECHNICAL OFFICER (A), AND SCIENTIST B, C.S.M.C.R.I., 1968-88; SCIENTIST C, C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN RECOVERY OF BYPRODUCTS FROM SEA AND INLAND RESOURCES.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 13, PILOT PLANT - 4.

2501

SHRI M V GOLE; (B. JANUARY 22, 1936),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : TRAINING IN GLASS BLOWING, BOROSIL GLASS WORKS '59.

SPECIALIZATIONS : GLASS BLOWING.

EXPERIENCE : JUNIOR GLASS BLOWER, CHIEF GLASS BLOWER, S.T.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1959-88; SCIENTIST C, C.S.M.C.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : GLASS BLOWING.

LANGUAGES : MARATHI, HINDI, GUJARATI, SANSKRIT, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : GLASS BLOWING - 29.

2502

SHRI T N GUPTA; (B. JANUARY 4, 1945),

TECHNICAL OFFICER (C), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - U.P. '66.

SPECIALIZATIONS : REFRIGERATION AND AIR CONDITIONING.

EXPERIENCE : REFRIGERATION ASSISTANT AND MECHANICAL ENGINEER, I.I.T., KANPUR, 1967-73; REFRIGERATION ENGINEER AND TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), C.S.M.C.R.I., 1973-91; TECHNICAL OFFICER (C), C.S.M.C.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE OF REFRIGERATION AND AIR CONDITIONING PLANTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 20, MAINTENANCE - 20.

2503

SHRI H L JOSHI; (B. NOVEMBER 30, 1950),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '71; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '73.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY; MARINE CHEMICALS.

EXPERIENCE : J.S.A., SOIL TESTING LABORATORY, RAJKOT, 1973-74; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1974-88; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN MARINE CHEMICALS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, PILOT PLANT - 5, CONSULTANCY - 2, QUALITY CONTROL - 15.

2504

DR H V JOSHI; (B. JULY 13, 1944),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '66; M.SC. BOTANY - BOMBAY '74; PH.D. BOTANY - BHAVNAGAR '84.

SPECIALIZATIONS : TAXONOMY; CULTURE AND CULTIVATION OF MARINE ALGAE; EFFECT OF POLLUTANTS ON MARINE ALGAE..

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1968-86; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH ON CULTIVATION OF MARINE ALGAE AND EFFECT OF MARINE POLLUTANTS ON SEAWEEDS AND MONITORING OF MARINE POLLUTANTS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORT - 2, PROCESS DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 19.

2505

DR S H MEHTA; (B. JANUARY 16, 1948),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '70; M.SC. PHYSICAL CHEMISTRY - SAURASHTRA '72; PH.D. CHEMISTRY - SAURASHTRA '78.

SPECIALIZATIONS : ELECTROCHEMISTRY; PHYSICAL CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1975-88; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : ELECTRO-OXIDATION OF ORGANIC SUBSTRATES.

LANGUAGES : GUJARATI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS FILED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, OPERATION - 7.

2506

DR(MRS) K H MODY; (B. JANUARY 16, 1954),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. MICROBIOLOGY - SAURASHTRA '73; M.SC. MICROBIOLOGY - M.S., BARODA '75; PH.D. BIOSCIENCE - SAURASHTRA '79.

SPECIALIZATIONS : MICROBIOLOGY; MICROBIAL AND PLANT BIOCHEMISTRY; ALGAL BIOCHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., C.S.M.C.R.I., 1975-78; S.S.A. AND SCIENTIST B, C.S.M.C.R.I., 1978-87; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN ALGAL BIOCHEMISTRY.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 15 YEARS).

2507

DR R C MODY; (B. JULY 27, 1948),

SCIENTIST C. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - SAURASHTRA '69; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '72; PH.D. CHEMISTRY - SAURASHTRA '79.

SPECIALIZATIONS : ORGANIC CHEMISTRY; CELLULOSIC POLYMERS; MEMBRANE TECHNOLOGY; SYNTHETIC DRUGS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B. C.S.M.C.R.I., 1979-89; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN DESALINATION BY REVERSE OSMOSIS TECHNIQUES.

LANGUAGES : GUJARATI, HINDI. ENGLISH.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 16 YEARS).

2508

DR V P MOHANDAS; (B. DECEMBER 15, 1952),

TECHNICAL OFFICER (C), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - CALICUT '73; M.SC CHEMISTRY - BOMBAY '79; PH.D. CHEMISTRY - BHAVNAGAR '90.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; RECOVERY OF MARINE CHEMICALS; PROCESS DEVELOPMENT.

EXPERIENCE : CHEMIST. M/S DEEPAK NITRITE LTD., BARODA, 1973-74; S.L.A., J.S.A., S.S.A., TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), C.S.M.C.R.I., 1974-91; TECHNICAL OFFICER (C). C.S.M.R.I. SINCE FEBRUARY. 1991.

PRESENT ACTIVITIES : R & D IN THE RECOVERY OF MARINE BYPRODUCTS AND INORGANIC CHEMICALS.

LANGUAGES : MALAYALAM, HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 3. PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 8, PILOT PLANT - 3, PRODUCTION - 1.

2509

SHRI M R PRABHAKARAN NAIR; (B. JANUARY 25, 1940),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : CERTIFICATE IN CIVIL ENGINEERING - KERALA '57.

SPECIALIZATIONS : CIVIL ENGINEERING.

EXPERIENCE : OVERSEER, MUNICIPALITY, TALAJA, 1959-64; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1964-88; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : MANAGEMENT OF CIVIL ENGINEERING SECTION.

LANGUAGES : MALAYALAM. HINDI, TAMIL, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9. TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 22, SURVEY OF NATURAL RESOURCES - 12.

2510

DR M R OZA; (B. JULY 10, 1938),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

ST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '59; M.SC. INORGANIC CHEMISTRY - GUJARAT '63; PH.D. CHEMISTRY BHAVNAGAR '90.

SPECIALIZATIONS : RECOVERY OF CHEMICALS FROM BITTERN.

EXPERIENCE : S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1962-88; SCIENTIST C, C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 2. PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28.

2511

DR(MISS) J M PAREKH; (B. SEPTEMBER 26, 1936),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) - GUJARAT '59; M.SC. INORGANIC CHEMISTRY - GUJARAT '64; PH.D. CHEMISTRY - SAURASHTRA '73.

SPECIALIZATIONS : RECOVERY OF INORGANIC MARINE CHEMICALS; RADIATION CHEMISTRY OF SEAWATER; RADIOECOLOGY OF SEAWEEDS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1963-87; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22. TECH. REPORTS - 9, ARTICLES - 1, PROCESSES DEVELOPED - 4. PROCESSES COMMERCIALISED - 2, CONSULTANCY - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 18.

2512

SHRI H N PATEL; (B. JANUARY 15, 1939),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - GUJARAT '73; DIPLOMA IN ELECTRICAL ENGINEERING - GUJARAT '75; DEGREE IN MECHANICAL ENGINEERING - GUJARAT '90.

SPECIALIZATIONS : MECHANICAL ENGINEERING EQUIPMENTS.

EXPERIENCE : DRAUGHTSMAN, ECONOMY ENGINEERING CO., BHAVNAGAR, 1960-61; TRACER, PORT OFFICE, BHAVNAGAR, 1962-64; MECHANICAL DRAUGHTSMAN TRADE INSTRUCTOR, I.T.I., BHAVNAGAR, 1964-65; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1965-87; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : SALT ENGINEERING EQUIPMENTS.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECHNICAL REPORTS - 1. PATENTS TAKEN - 5. PROCESSES DEVELOPED - 6. PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 2. DESIGN - 10, TECHNICAL DEVELOPMENT - 10, PILOT PLANT - 1. TESTING - 1. TEACHING - 1.

2513

SHRI K N PATEL; (B. MAY 1, 1939),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '62; M.SC. INORGANIC CHEMISTRY - SAURASHTRA '71.

SPECIALIZATIONS : WATER EVAPORATION CONTROL; ALGAL CHEMISTRY; SILICATE CHEMISTRY; THERMAL INSULATIONS.

EXPERIENCE : ASSISTANT TEACHER, VARTEJ HIGH SCHOOL, VARTEJ, 1962-63; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1963-86; SCIENTIST C, C.S.M.C.R.I. SINCE MAY, 1986.

PRESENT ACTIVITIES : RESEARCH IN DESERT ECONOMIC PLANTS.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 4.

AWARDS & DISTINCTIONS : IMPORT SUBSTITUTION AWARD FOR DEVELOPMENT FOR MANUFACTURE OF AGAR-AGAR FROM INDIAN RED SEAWEEDS, 1974.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2. APP. RES. - 18. PILOT PLANT - 4, TEACHING - 1.

2514

SHRI NAGENDRA PATHAK; (B. NOVEMBER 20, 1957),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(ENGG.) MECHANICAL ENGINEERING - RANCHI '79.

SPECIALIZATIONS : MECHANICAL ENGINEERING; SOLAR ENERGY; DESALINATION BY REVERSE OSMOSIS.

EXPERIENCE : PROJECT ASSISTANT, SIRTDO, RANCHI, 1979-80; ENGINEER, VIKAS MAITRI, RANCHI, 1980-81; S.S.A., TECHNICAL OFFICER (A) AND SCIENTIST B, C.S.M.C.R.I. 1981-89; (ALSO TRAINING ON REMOTE AREA POWER TECHNOLOGY, PRESTON COLLEGE AUSTRALIA, 1987); SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH ON SOLAR WATER PUMP AND SOLAR POND; DESALINATION BY REVERSE OSMOSIS.

LANGUAGES : HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

2515

DR J S PATOLIA; (B. JUNE 5, 1947),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. BOTANY - SAURASHTRA '69; M.SC. BOTANY - SAURASHTRA '72; PH.D. BOTANY - BHAVNAGAR '85.

SPECIALIZATIONS : PLANT STRESS PHYSIOLOGY.

EXPERIENCE : G.T., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, C.S.M.C.R.I., 1971-86; (ALSO STUDIES ON HALOPHYTES FOR BIOLOGICAL RECLAMATION OF COASTAL SALINE SOILS AND SALINE WASTE-LAND DEVELOPMENT, FRANCE, 1985); SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN PHYTOSALINITY.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 10.

2516

DR G RAMACHANDRAIAH; (B. JULY 1, 1950),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - OSMANIA '73; M.SC. CHEMISTRY - OSMANIA '75; PH.D. CHEMISTRY - OSMANIA '82.

SPECIALIZATIONS : COORDINATION COMPOUNDS; SYNTHESIS AND CHARACTERIZATION OF PLATINUM GROUP METAL COMPLEXES.

EXPERIENCE : LECTURER, K.R.R. COLLEGE, OSMANIA UNIVERSITY, 1975-76; LECTURER, OSMANIA UNIVERSITY, HYDERABAD, 1983-84; SCIENTIST B, C.S.M.C.R.I., 1984-87; SCIENTIST C, C.S.M.C.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : SYNTHESIS AND CHARACTERISATION OF OXIDATIVE CATALYSTS IN HOMOGENEOUS MEDIUM.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 12, APP. RES. - 12.

2517

DR P V SUBBA RAO; (B. APRIL 5, 1950),

SCIENTIST C, MARINE ALGAL RESEARCH STATION, MANDAPAM (CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR).

QUALIFICATIONS : B.SC. - ANDHRA '71; M.SC. BOTANY - B.H.U. '73; PH.D. BOTANY - B.H.U. '83.

SPECIALIZATIONS : PHYCOLOGY AND ECOLOGY; CULTIVATION AND SURVEY OF SEAWEEDS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1975-87; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN MARINE ALGAE.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 14, SURVEY OF NATURAL RESOURCES - 6.

2518

DR M P REDDY; (B. JULY 1, 1956),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - VIDYANAGAR '77; M.SC. BOTANY - TIRUPATI '79; PH.D. STRESS PHYSIOLOGY - GUJARAT '85.

SPECIALIZATIONS : APPLIED PLANT PHYSIOLOGY; STRESS PHYSIOLOGY; PLANT TISSUE CULTURE.

EXPERIENCE : J.R.F. AND S.R.F. (CSIR), GUJARAT UNIVERSITY, AHMEDABAD, 1981-85; RESEARCH ASSOCIATE, C.S.M.C.R.I., 1986-87; SCIENTIST B, C.S.M.C.R.I., 1987-90; SCIENTIST C, C.S.M.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : RESEARCH IN BIOCHEMISTRY OF DESERT ECONOMIC PLANTS.

LANGUAGES : TELUGU, HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 3.

2519

SHRI A M SHAH; (B. AUGUST 13, 1951),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. STATISTICS - SAURASHTRA '74; M.SC. STATISTICS - BHAVNAGAR '80.

SPECIALIZATIONS : COSTING OF R & D PROJECTS; INTERNATIONAL SCIENTIFIC COLLABORATION.

EXPERIENCE : S.L.A., J.S.A., S.T.A., TECHNICAL OFFICER (A) AND SCIENTIST B, C.S.M.C.R.I. 1975-89; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : PLANNING, MONITORING AND EVALUATION OF R & D ACTIVITIES WITH SPECIAL REFERENCE TO COSTING OF R & D PROJECTS (ILTP) AND WORK RELATING TO INDUSTRIAL SCIENTIFIC COLLABORATION.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 15.

2520

SHRI B M SHAH; (B. MARCH 3, 1952),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GUJARAT '74.

SPECIALIZATIONS : CHEMICAL ENGINEERING; SOLAR ENGINEERING; PETROCHEMICALS AND FERTILISERS.

EXPERIENCE : J.R.F., S.S.A. AND SCIENTIST B, C.S.M.C.R.I., 1975-88; SCIENTIST C, C.S.M.C.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS FILED - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT, PROCESS EVALUTION (TOTAL: 12 YEARS).

2521

DR D B SHUKLA; (B. AUGUST 8, 1953),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '76; M.SC. INORGANIC CHEMISTRY - BOMBAY '79; PH.D. INORGANIC CHEMISTRY - BHAVNAGAR '87.

SPECIALIZATIONS : INORGANIC CHEMISTRY; SURFACE CHEMISTRY; SYNTHESIS OF ZEOLITES; CLAY BENEFICIATION; SILICA/SILICATES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I. 1976-88; (ALSO HIGHER STUDIES IN ZEOLITES AND SILICATES; TRAINING IN MODERN INSTRUMENT ANALYSIS; GERMAN ACADEMIC EXCHANGE SERVICE, BONN, W.GERMANY, 1984-85); SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : BASIC & APPLIED R & D, PILOT PLANT AND CONSULTANCY.

LANGUAGES : GUJARATI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 2, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, TECH. DEV. - 2, PILOT PLANT - 2, CONSULTANCY - 1.

2522

DR R S SHUKLA; (B. AUGUST 15, 1955),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - ALLAHABAD '75; M.SC. PHYSICAL CHEMISTRY - ALLAHABAD '77; D.PHIL. PHYSICAL CHEMISTRY - ALLAHABAD '81.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; HOMOGENEOUS CATALYSIS; REACTION KINETICS AND MECHANISM; THERMODYNAMICS; OXIDATION AND OXYGENATION REACTIONS.

EXPERIENCE : POST DOCTORAL FELLOW, C.S.I.R., 1982-83; POOL OFFICER AND SCIENTIST B, C.S.M.C.R.I. 1983-90; SCIENTIST C, C.S.M.C.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D IN METAL COMPLEXES AND CATALYSED OXIDATION OF ORGANIC COMPOUNDS.

LANGUAGES : HINDI, SANSKRIT, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, CONFERENCE PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12.

2523

DR DARBHA SRINIVAS; (B. MAY 24, 1958),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - ANDHRA '78; M.SC. PHYSICAL CHEMISTRY - ANDHRA '80; PH.D. CHEMISTRY - I.I.T. MADRAS '87.

SPECIALIZATIONS : SPECTROSCOPY (EPR & NMR); PHYSICAL AND INORGANIC CHEMISTRY.

EXPERIENCE : FELLOW SCIENTIST, C.S.M.C.R.I., 1988-90: SCIENTIST C, C.S.M.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : WORKING IN COORDINATION CHEMISTRY (DIVISION); INVOLVED IN TI-1 PROJECT, SPECTROSCOPIC INVESTIGATION OF INORGANIC METAL COMPLEXES.

LANGUAGES : TELUGU, ENGLISH, HINDI, TAMIL, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 9, OPERATION - 9, COMPUTER PROCESSING - 9.

2524

DR V R K S SUSARLA; (B. FEBRUARY 6, 1950),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - ANDHRA '70; M.SC. CHEMISTRY - B.H.U. '72; D.I.I.T. TECHNICAL ANALYTICAL CHEMISTRY - I.I.T., MADRAS '73; PH.D. CHEMISTRY - GUJARAT '80.

SPECIALIZATIONS : ANALYTICAL TECHNIQUES; PHASE EQUILLIBRIA AND INORGANIC SALTS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1974-86; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, SANSKRIT, TAMIL, ENGLISH, FRENCH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 16.

2525

SHRI S T TALREJA; (B. FEBRUARY 10, 1944),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. PHYSICS - SAURASHTRA '71; M.SC. PHYSICS - SAURASHTRA '74.

SPECIALIZATIONS : ELECTRONICS; SOLAR ENERGY.

EXPERIENCE : FINE MECHANIC, S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.S.M.C.R.I., 1965-87; SCIENTIST C, C.S.M.C.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN SOLAR DESALINATION.

LANGUAGES : SINDHI, HINDI, GUJARATI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4. APP. RES. - 7. TESTING - 8. MAINTENANCE - 8.

2526

DR S J TARWADI; (B. OCTOBER 8, 1937),

SCIENTIST C. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. ZOOLOGY - M.S. '59; M.SC. ZOOLOGY - M.S. '61; PH.D. BIOCHEMISTRY - M.S.. BARODA '75; CERTIFICATE IN GERMAN - BARODA; DIPLOMA IN JOURNALISM - BHAVNAGAR.

SPECIALIZATIONS : ZOOLOGY; BIOCHEMISTRY.

EXPERIENCE : DEMONSTRATOR AND LECTURER. C. VIDYA MANDIR. VALLABH VIDYANAGAR. 1962-65; LECTURER. ARTS AND SCIENCE COLLEGE, BARDOLI. 1965-68; TUTOR. J & J SCIENCE COLLEGE. 1968-69; RESEARCH FELLOW AND S.R.F.. M.S. UNIVERSITY OF BARODA. BARODA. 1969-77: RESEARCH ASSOCIATE AND SCIENTIST B. C.S.M.C.R.I.. 1977-87: SCIENTIST C. C.S.M.C.R.I. SINCE OCTOBER. 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MARATHI. GUJARATI. ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 14. TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19. TEACHING - 15.

2527

DR S K THAMPY; (B. SEPTEMBER 26, 1952),

SCIENTIST C. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - KERALA '72; M.SC. INORGANIC CHEMISTRY - GUJARAT '75; PH.D. CHEMISTRY - BHAVNAGAR '80.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ION EXCHANGE MEMBRANES AND ELECTRODIALYSIS.

EXPERIENCE : S.S.A., TECHNICAL OFFICER (A) AND SCIENTIST B C.S.M.C.R.I. 1981-90; SCIENTIST C. C.S.M.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D IN ION-EXCHANGE MEMBRANES AND ELECTRODIALYSIS.

LANGUAGES : MALAYALAM. HINDI, TAMIL, GUJARATI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. PROCESSES DEVELOPED - 3. PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8. APP. RES. - 7.

2528

DR P C THOMAS; (B. NOVEMBER 10, 1935),

SCIENTIST C, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. BOTANY - KERALA '63; PH.D. BOTANY - BOMBAY '88.

SPECIALIZATIONS : ECOLOGY; MARINE ALGAE; RESOURCE ASSESSMENT; CULTURE AND UTILIZATION OF MARINE ALGAE.

EXPERIENCE : PLANT COLLECTOR. S.L.A., J.S.A., S.S.A., SCIENTIST A. AND SCIENTIST B, C.S.M.C.R.I., 1964-90; SCIENTIST C, C.S.M.C.R.I. SINCE DECEMBER. 1990.

PRESENT ACTIVITIES : R & D IN MARINE ALGAE.

LANGUAGES : MALAYALAM. HINDI. TAMIL. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 39, TECH. REPORTS - 6. PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 5. APPLIED RESEARCH - 23, SURVEY OF NATURAL RESOURCES - 6, CONSULTANCY - 5, R & D MANAGEMENT - 3.

2529

DR S H R ABDI; (B. JULY 1, 1956),

SCIENTIST B. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - LUCKNOW '75; M.SC. ORGANIC CHEMISTRY - LUCKNOW '77; PH.D. CHEMISTRY - LUCKNOW '83.

SPECIALIZATIONS : HOMOGENEOUS AND HIGH PRESSURE CATALYSIS; INORGANIC CHEMISTRY; FT-NMR INSTRUMENTATION.

EXPERIENCE : SCIENTIST B. C.S.M.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : RESEARCH IN SYNTHETIC INORGANIC CHEMISTRY AND HOMOGENEOUS CATALYSIS.

LANGUAGES : HINDI, URDU, GUJARATI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PATENTS FILED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 13 YEARS).

2530

DR(MRS) CHHAYA BHARADWAJ; (B. AUGUST 22, 1950),

SCIENTIST B. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '70; B.SC. MICROBIOLOGY - SAURASHTRA '72; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '79; PH.D. CHEMISTRY - BHAVNAGAR '86.

SPECIALIZATIONS : PHOTOCHEMISTRY; COORDINATION CHEMISTRY.

EXPERIENCE : RECEPTIONIST, S.L.A., J.S.A. AND S.T.A., C.S.M.C.R.I, 1972-85; SCIENTIST B. C.S.M.C.R.I. SINCE FEBRUARY, 1985; (ALSO ENGAGED ON ADVANCED STUDIES IN PHOTOCHEMISTRY, MICHIGAN STATE UNIVERSITY, U.S.A., 1987-88).

PRESENT ACTIVITIES : RESEARCH IN PHOTOCHEMISTRY.

LANGUAGES : MARATHI, HINDI, GUJARATI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 8 YEARS).

2531

DR R C BHARADWAJ; (B. JULY 5, 1955),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - RAJASTHAN '75; M.SC. INORGANIC CHEMISTRY - RAJASTHAN '77; PH.D. CHEMISTRY - JODHPUR '81.

SPECIALIZATIONS : SEMICONDUCTOR-BASED PHOTOELECTROCHEMICAL CELLS; PHOTOCATALYTIC REDUCTION; PHOTOCHEMICAL ELECTRON TRANSFER.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE DECEMBER, 1983; ALSO (P.D.F., ENGAGED IN RESEARCH AND TRAINING IN MEMBRANE TRANSDUCING ENERGY CONVERSION OF LASER TECHNIQUE,MICHIGAN STATE UNIVERSITY. U.S.A., 1987-88).

PRESENT ACTIVITIES : RESEARCH IN PHOTOCHEMISTRY.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 4 YEARS).

2532

DR S D BHATT; (B. APRIL 24, 1951),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '73; M.SC. INORGANIC CHEMISTRY - SAURASHTRA '75; PH.D. CHEMISTRY - BHAVNAGAR '88.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; HOMOGENEOUS CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1975-86; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : HOMOGENEOUS CATALYSIS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 8, TESTING - 1, SURVEY OF NATURAL RESOURCES - 2.

2533

DR R A BUCH; (B. SEPTEMBER 17, 1939),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - GUJARAT '61; M.SC. PHYSICAL CHEMISTRY - GUJARAT '63; PH.D. PHYSICAL CHEMISTRY - GUJARAT '81.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ELECTROCHEMISTRY; ION EXCHANGE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1963-81; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : R & D ON SALT.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, PILOT PLANT - 3, TEACHING - 1, LIAISON - 3.

2534

DR DEBABRATA CHATERJEE; (B. SEPTEMBER 10, 1956),

SCIENTIST B. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - BURDWAN '77; M.SC. CHEMISTRY - BURDWAN '79; PH.D. KINETICS & MECHANISM - BURDWAN '88.

SPECIALIZATIONS : CHEMICAL SCIENCES; PHYSICAL CHEMISTRY; KINETICS AND CATALYSIS; PHOTOCHEMISTRY AND PHOTO CATALYSIS.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE JUNE, 1991.

PRESENT ACTIVITIES : R & D ON KINETICS AND CATALYSIS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 37.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9.

2535

DR D A CHAUHAN; (B. MAY 4, 1941),

SCIENTIST B. CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '64; M.SC. INORGANIC CHEMISTRY - GUJARAT '67; PH.D. CHEMISTRY - GUJARAT '71.

SPECIALIZATIONS : MARINE CHEMICALS; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1965-81; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY. 1981.

PRESENT ACTIVITIES : R & D IN RECOVERY OF MARINE CHEMICALS SPECIALLY MAGNESIUM.

LANGUAGES : GUJARATI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, TECH. REPORTS - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 12, PILOT PLANT - 12, TESTING - 4, QUALITY CONTROL - 8.

2536

SHRI G N DAVE; (B. OCTOBER 14, 1938),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '60; M.SC. INORGANIC CHEMISTRY - GUJARAT '64.

SPECIALIZATIONS : INORGANIC CHEMISTRY; MARINE CHEMISTRY; SEAWATER MAGNESIA; IODISED SALT.

EXPERIENCE : DEMONSTRATOR, DEPARTMENT OF EDUCATION, GOVERNMENT OF GUJARAT, 1961-64; J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1964-80; SCIENTIST B, C.S.M.C.R.I. SINCE APRIL, 1980.

PRESENT ACTIVITIES : RESEARCH IN INORGANIC AND MARINE CHEMISTRY.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, PILOT PLANT - 8, QUALITY CONTROL - 3, TEACHING - 3.

2537

MISS H H DERAIYA; (B. APRIL 5, 1962),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GUJARAT '86.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE DECEMBER 1990.

PRESENT ACTIVITIES : R&D IN MARINE CHEMICALS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 4, PILOT PLANT - 2.

2538

DR C V DEVMURARI; (B. JUNE 1, 1950),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - SAURASHTRA '72; M.SC. CHEMISTRY - SAURASHTRA '74; PH.D. CHEMISTRY - SAURASHTRA '82.

SPECIALIZATIONS : DESALINATION MEMBRANE TECHNOLOGY; POLYMER SYNTHESIS AND EVALUATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1974-92; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : DEVELOPMENT OF DESALINATION TECHNOLOGY BY REVERSE OSMOSIS.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS FILED CURRENTLY - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10, APPLIED RESEARCH - 5, PILOT PLANT - 3.

2539

DR P M GAUR; (B. MAY 10, 1950),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - SAURASHTRA '74; M.SC. CHEMISTRY - BOMBAY '78; PH.D CHEMISTRY - BOMBAY '89.

SPECIALIZATIONS : ION EXCHANGE TECHNOLOGY; WATER POLLUTION CONTROL; WATER TREATMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I, 1974-88; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R&D IN ION EXCHANGE TECHNOLOGY.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 3, PATENT TAKEN - 3, PATENT FILED CURRENTLY - 3, PROCESSES DEVELOPED - 3, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 4, APPLIED RESEARCH - 16, OPERATION - 8, DESIGN - 12, TESTING - 4, TECHNICAL DEV. - 12, PILOT PLANT - 2, CONSULTANCY - 2, R & D MANAGEMENT - 12.

2540

DR S B HALLIGUDI; (B. JUNE 18, 1948),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - KARNATAK '69; M.SC. PHYSICAL CHEMISTRY - KARNATAK '72; PH.D. CATALYSIS - POONA '83.

SPECIALIZATIONS : HOMOGENEOUS CATALYSIS; HIGH PRESSURE KINETICS; SUPPORTED CATALYSTS FOR SYNTHETIC GAS REACTIONS.

EXPERIENCE : LECTURER, L.V.D. COLLEGE, RAICHUR, 1972-82; RESEARCH ASSOCIATE, C.S.M.C.R.I., 1985-88; SCIENTIST B, C.S.M.C.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, PATENTS FILED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, TEACHING - 6.

2541

DR A HAMID USMANBHAI HAMIDANI; (B. OCTOBER 1, 1957),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - SAURASHTRA '78; M.SC. PHYSICAL CHEMISTRY - BOMBAY '83; PH.D. PHYSICAL CHEMISTRY - BAVNAGAR '90.

SPECIALIZATIONS : RECOVERY OF POTASH AND OTHER CHEMICALS.

EXPERIENCE : GRADUATE TRAINEE, J.S.A. AND S.S.A., C.S.M.C.R.I., 1978-92; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : RECOVERY OF CHEMICAL GRADE POTASSIUM CHLORIDE.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 3, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 14, PILOT PLANT - 14.

2542

SHRI D G KALGASTHALA; (B. JANUARY 2, 1936),

TECHNICAL OFFICER (B), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL ENGINEERING - GUJARAT TECHNICAL BOARD, GUJARAT '75.

SPECIALIZATIONS : MAINTENANCE AND REPAIRING OF ELECTRICAL GOODS.

EXPERIENCE : LAB ATTENDANT, MISTRY(ELECT), MACHINE OPERATOR, FINCE MECHANIC, FOREMAN(ELECT), S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1958-88; TECHNICAL OFFICER (B), C.S.M.C.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : MAINTENANCE & REPAIRING OF ELECTRICAL GOODS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 33.

2543

DR NOORUL HASAN KHAN; (B. SEPTEMBER 11, 1959),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - A.M.U. '80; M.SC. INORGANIC CHEMISTRY - A.M.U. '82; M.PHIL. INORGANIC CHEMISTRY - A.M.U. '84; PH.D. INORGANIC CHEMISTRY - A.M.U. '86.

SPECIALIZATIONS : HOMOGENEOUS CATALYSIS.

EXPERIENCE : J.R.F. AND S.R.F., A.M.U., ALIGARH, 1984-88, POOL OFFICER AND R.A., C.S.M.C.R.I., 1984-92, SCIENTISTS B, C.S.M.C.R.I. SINCE SEPTEMBER, 1992.

LANGUAGES : HINDI, ENGLISH.

2544

DR(MRS) RUKHSANA ILYAS KURESHY; (B. OCTOBER 1, 1958),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - A.M.U. '78; M.SC. CHEMISTRY - A.M.U. '80; M. PHIL. CHEMISTRY - A.M.U. '82; PH.D CHEMISTRY - A.M.U. '84.

SPECIALIZATIONS : ORGANOMETALLIC CHEMISTRY; METAL CHEMISTRY; TOXICITY; COORDINATION CHEMISTRY OF RUTHENIUN (III) BASE COMPLEXES.

EXPERIENCE : J.R.F., S.R.F. AND R.A., A.M.U., ALIGARH, 1981-90; SCIENTIST B, C.S.M.C.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : SYNTHESIS AND CHARACTERIZATION OF OPTICALLY ACTIVE Ru(III) SCHIFFBASE COMPLEXES.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 7, APPLIED RESEARCH - 3.

2545

DR K J LANGALIA; (B. AUGUST 7, 1953.),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '74; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '76; PH.D. CHEMISTRY - BHAVNAGAR '90.

SPECIALIZATIONS : INORGANIC CHEMISTRY; FLOTATION TECHNOLOGY; ANALYTICAL CHEMISTRY.

EXPERIENCE : LABORATORY TECHNICIAN, G.W.P.C. BOARD, AHMEDABAD, 1978-80; J.S.A., S.S.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1980-88; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT ON FLOATATION OF SOLUBLE SALT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, PILOT PLANT - 3, TESTING - 2, SURVEY OF NATURAL RESOURCES - 2, FIELD PRODUCTION OF MIXED SALT - 2.

2546

DR MOHAMMAD ABDUL MOIZ; (B. SEPTEMBER 13, 1955),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - OSMANIA '77; M.SC. CHEMISTRY - 82; PH.D. CHEMISTRY - BHAVNAGAR '90.

SPECIALIZATIONS : SOLUTION STUDIES OF METAL COMPLEXES; SYNTHESIS OF METAL COMPLEXES.

EXPERIENCE : J.R.F., S.R.F. AND RESEARCH ASSOCIATE, C.S.M.C.R.I., 1983-91; SCIENTIST B, C.S.M.C.R.I. SINCE 1991.

PRESENT ACTIVITIES : SNYTHETIC AND SOLUTION CHEMISTRY OF METAL COMPLEXES.

LANGUAGES : URDU, HINDI, TELUGU, ARABIC, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2547

SHRI P K NARAYANAN; (B. MARCH 5, 1936),

TECHNICAL OFFICER (B), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR

QUALIFICATIONS : CERTIFICATE IN PLASTICS PROCESSING - CIPET, MADRAS '74; DIPLOMA IN ELECTRICAL ENGINEERING - GUJARAT TECHNICAL BOARD, GUJARAT '80.

SPECIALIZATIONS : SYNTHESIS OF ION-EXCHANGE MEMBRANES; DESIGN OF ELECTRODIALYSIS PLANT; ELECTRODIALYSIS FOR DESALINATION; APPLICATION OF ELECTRODIALYSIS IN INDUSTRIAL PROCESSES.

EXPERIENCE : LABORATORY ASSISTANT, VIRUS RESEARCH CENTRE, 1964-66; S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1966-88; TECHNICAL OFFICER (B), C.S.M.C.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : PREPARATION OF ION-EXCHANGE MEMBRANES AND DESIGN OF ELECTRODIALYSIS STACKS.

LANGUAGES : MALAYALAM, TAMIL, HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PATENTS TAKEN - 6, PROCESS DEVELOPED - 4.

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR RESEARCH ENDOWMENT AWARD, CSMCRI, 1977.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, CONSTRUCTION - 15, APPLIED RESEARCH - 25, DESIGN - 10, TESTING - 15, QUALITY CONTROL - 15, PILOT PLANT - 5, MAINTENANCE - 10, SALES MARKETING - 3.

2548

DR D H OZA; (B. SEPTEMBER 11, 1938),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : M.SC. INORGANIC CHEMISTRY - GUJARAT '63; PH.D. INORGANIC CHEMISTRY - SAURASHTRA '75.

SPECIALIZATIONS : WATER SCALING IN SEAWATER DISTILLATION UNIT AND ITS PREVENTION; ANALYTICAL OPERATION; CORROSION; RECOVERY OF MARINE CHEMICALS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1963-81; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : R & D IN MAGNESIUM CHEMICALS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR HYDRATED CALCIUM SILICATE FROM LIME & SODIUM SILICATE, 1966.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, PILOT PLANT - 10.

2549

DR R P PANDYA; (B. AUGUST 6, 1955),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. PHYSICAL CHEMISTRY - GUJARAT '75; M.SC. PHYSICAL CHEMISTRY - BOMBAY '85; PH.D. INORGANIC CHEMISTRY - BHAVNAGAR '89.

SPECIALIZATIONS : CORROSION AND ITS PREVENTION; SALT AND BY-PRODUCTS; ELECTROCHEMISTRY; STRESS ELEMENTS RECOVERY FROM SEA WATER.

EXPERIENCE : CHEMIST, M/S MAHAVIR CHEMICAL WORKS, BARODA, 1976-78; MEDICAL REPRESENTATIVE, EVEREST INDUSTRY, AHMEDABAD, 1978-80; J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.S.C.M.R.I., 1980-92; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D APPLIED AND BASIC.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APPLIED RES. - 5, TESTING - 1, TECHNICAL DEV. - 1, PILOT PLANT - 1.

2550

SHRI R P PANT; (B. OCTOBER 15, 1960),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GARHWAL '80; M.SC. PHYSICS - GARHWAL '82; DIPLOMA IN COMPUTER SCIENCE.

SPECIALIZATIONS : ELECTRONICS; FERROFLUID (PHYSICAL & CHEMICAL PROPERTIES).

EXPERIENCE : LECTURER, GOVT. POLYTECHNIC, DEHRADUN, 1984; S.A., I.I.G., BOMBAY, 1984-87; SCIENTIST B, C.S.M.C.R.I. SINCE MAY, 1987; (ALSO ATTENDED CSIR ORIENTATION TRAINING PROGRAMME, 1988 AND DEPUTED THE NETHERLAND FOR X-RAY EQUIPMENT TRAINING, 13-26 MARCH, 1988).

PRESENT ACTIVITIES : INSTRUMENTS MAINTENANCE AND OPERATION.

LANGUAGES : HINDI, GUJARATI, ENGLISH.

VISITED : THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 1, CONFERENCE - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 2, DESIGN - 2, TEACHING - 1.

2551

DR PARIMAL PAUL; (B. NOVEMBER 1, 1957),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - CALCUTTA '77; M.SC. CHEMISTRY - CALCUTTA '80; PH.D. CHEMISTRY - JADAVPUR '86.

SPECIALIZATIONS : INORGANIC CHEMISTRY; SYNTHESIS OF INORGANIC COMPLEXES; KINETIC AND REACTIVITY STUDIES.

EXPERIENCE : RESEARCH FELLOW AND RESEARCH ASSOCIATE, I.A.C.S., CALCUTTA, 1982-87; SCIENTIST B, C.S.M.C.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9.

2552

DR B K RAMAVAT; (B. AUGUST 1, 1947),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - GUJARAT '71; D.T.C. TEXTILE TECHNOLOGY - M.S., BARODA '73; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '79; PH.D. ORGANIC CHEMISTRY - BHAVNAGAR '87.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ALGAE CHEMISTRY; ANALYTICAL CHEMISTRY; NATURAL PRODUCTS CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1974-87; SCIENTIST B, C.S.M.C.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : THE CHEMICAL INVESTIGATION OF MARINE ALGAE.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 16.

2553

DR A PRAKASH RAO; (B. JUNE 26, 1961),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : M.SC. INORGANIC CHEMISTRY - BHAVNAGAR '83; PH.D. COORDINATION CHEMISTRY - BHAVNAGAR '89.

SPECIALIZATIONS : COORDINATION CHEMISTRY; CATALYSIS; MEMBRANE DEVELOPMENT; MEMBRANE SEPARATIONS.

EXPERIENCE : J.R.F., S.R.F. AND R.A., C.S.M.C.R.I., 1983-91; SCIENTIST B, C.S.M.C.R.I. SINCE AUGUST, 1991.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : TELUGU, HINDI, GUJARATI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 6, APPLIED RESEARCH - 3.

2554

DR N NAGESWARA RAO; (B. AUGUST 13, 1958),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - ANDHRA '79; M.SC. CHEMISTRY - HYDERABAD '81; PH.D. CHEMISTRY - B.H.U. '85.

SPECIALIZATIONS : PHOTCATALYSIS; CATALYSIS MATERIAL MODIFICATIONS; PHOTO ELECTROCHEMISTRY; ELECTROCHEMISTRY.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE MAY, 1987.

PRESENT ACTIVITIES : R&D IN CATALYSIS/PHOTOCATALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10.

2555

SHRI S NITYANANDA RAO; (B. JUNE 4, 1951),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - BERHAMPUR '69; M.SC. BOTANY - BERHAMPUR '74.

SPECIALIZATIONS : ALGOLOGY; SALT STRESS IN PLANTS; DESERT ECONOMIC PLANTS CULTIVATION; TISSUE CULTURE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1976-88; (ALSO DEPUTED TO POLAND UNDER CSIR-PAS EXCHANGE PROGRAMME, 1987-88 AND TRAINING IN PROTOPLAST CULTURE AND SOMATIC HYBRIDIZATION); SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D ON INTRODUCTION OF DESERT ECONOMIC PLANTS AND THEIR MICROPROPAGATION (TISSUE CULTURE).

LANGUAGES : TELUGU, HINDI, ORIYA, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14.

2556

SHRI M K RAVAL; (B. SEPTEMBER 15, 1936),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - GUJARAT '61; M.SC. CHEMISTRY - BOMBAY '74.

SPECIALIZATIONS : BROMINE TECHNOLOGY; REVERSE OSMOSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.S.M.C.R.I., 1963-81; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : OPERATION OF PILOT PLANT; TECHNICAL DEVELOPMENT; QUALITY CONTROL.

LANGUAGES : GUJARATI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEVELOPMENT - 22, PILOT PLANT - 22, OPERATION - 22, QUALITY CONTROL - 15.

2557

MISS PARAMITA RAY; (B. JUNE 4, 1959),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - CALCUTTA '79; B.TECH. POLYMER SCIENCE AND TECHNOLOGY - CALCUTTA 83; M.TECH. POLYMER SCIENCE AND TECHNOLOGY - CALCUTTA '85.

SPECIALIZATIONS : POLYMER BLENDS SPECIALLY INTERPENETRATING POLYMER NETWORKS.

EXPERIENCE : S.R.F.(CSIR), CALCUTTA UNIVERSITY, 1986-90; SCIENTIST B, C.S.M.C.R.I., SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, ARTICLES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 5.

2558

DR A VENKATA RAMI REDDY; (B. JUNE 1, 1955),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : M.SC. CHEMISTRY - S.V. UNIVERSITY '79; M.PHIL. CHEMISTRY - S.K. UNIVERSITY '81; PH.D. CHEMISTRY - S.K. UNIVERSITY '83.

SPECIALIZATIONS : POLYMER CHEMISTRY; MEMBRANE SCIENCE & TECHNOLOGY; ORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH FELLOW AND R.A., S.K. UNIVERSITY, ANANTAPUR, 1980-86; P.D.F., U.S.S.R., 1986-88; POOL OFFICER, ANNA UNIVERSITY, 1988-91; SCIENTIST B, C.S.M.C.R.I. SINCE JUNE, 1991.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 7, TEACHING - 9, APPLIED RESEARCH - 6.

2559

SHRI ANIL KUMAR SAHA; (B. JANUARY 26, 1950),

TECHNICAL OFFICER (B), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. BOTANY - BURDWAN '69.

SPECIALIZATIONS : BIOSALINITY

EXPERIENCE : S.L.A., J.S.A. AND S.T.A., C.S.M.C.R.I., 1977-88; TECHNICAL OFFICER (B), C.S.M.C.R.I. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : R & D, EXTENSION AND DIFFERENT PLANT SPECIES BOTH GOVT. AND PRIVATE AGENCIES.

LANGUAGES : BENGALI, HINDI, ORIYA, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 16, OPERATION - 16, SURVEY OF NAT. RES - 5, TECHNO-ECO SURVEY - 6, TECH. TRANSFER - 9, EXTENSION - 10, PRODUCTION - 7.

2560

MISS KADAMBANI SARANGI; (B. JULY 12, 1961),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - UTKAL '81; M.SC. CHEMISTRY - UTKAL '83; B.ED. SCIENCE & MATHS - UTKAL '85; PH.D. CHEMISTRY - UTKAL '90.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; EXTRACTION OF METALS BY SUPPORTED LIQUID MEMBRANE.

EXPERIENCE : TEACHER, NAVODAYA VIDYALAYA SAMITI, RENGALI, 1990; LECTURER, MCNL, BHUBANESHWAR, 1990-91; SCIENTIST B, C.S.M.C.R.I. SINCE JUNE, 1991.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : ORIYA, HINDI, BENGALI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 1, TEACHING - 1.

2561

SHRI A A SHAH; (B. JULY 24, 1939),

TECHNICAL OFFICER (B), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.A.(HONS) ECONOMICS - GUJARAT '61; LL.B. - GUJARAT '68; B.LIB.SC. - M.S., BARODA '75.

SPECIALIZATIONS : LIBRARY SCIENCE.

EXPERIENCE : L.D.C., JUNIOR LIBRARIAN, S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I. 1962-88; TECHNICAL OFFICER (B), C.S.M.C.R.I. SINCE APRIL 1984.

PRESENT ACTIVITIES : LIBRARY MANAGEMENT.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 8, ADMN. - 14, EDITING - 10, DOCUMENTATION - 3.

2562

SHRI D SHERWOOD; (B. MAY 13, 1966),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. MATHS - BISHOP HEBER COLLEGE '86; M.SC. MATHS - BISHOP HEBER COLLEGE '88; P.G. DIPLOMA IN COMPUTER - BISHOP HEBER COLLEGE '89.

SPECIALIZATIONS : APPLIED MATHEMATICS; COMPUTER SCIENCE.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE DECEMBER, 1991.

LANGUAGES : TAMIL, ENGLISH.

2563

DR A K SIDDHANTA; (B. MARCH 30, 1954),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - CALCUTTA '72; M.SC. CHEMISTRY - CALCUTTA '74; PH.D. ORGANIC CHEMISTRY - CALCUTTA '81.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F. (UGC) AND S.R.F. (CSIR), CALCUTTA UNIVERSITY, 1975-80; RESEARCH ASSTT., GLASGOW UNIVERSITY, U.K., 1980-83; RESEARCH FELLOW AND RESEARCH ASSOCIATE, UNIVERSITY OF TEXAS, U.S.A., 1983-85; POOL OFFICER, C.S.M.C.R.I., 1986-88; SCIENTIST B, C.S.M.C.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC AND MARINE NATURAL PRODUCTS CHEMISTRY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15.

2564

DR M R H SIDDIQUI; (B. MAY 15, 1957),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - OSMANIA '77; M.SC. INORGANIC CHEMISTRY - A.M.U. '79; M.PHIL. INORGANIC CHEMISTRY - A.M.U. '81; PH.D. INORGANIC CHEMISTRY - A.M.U. '87.

SPECIALIZATIONS : CATALYSIS; COORDINATION CHEMISTRY; INSTRUMENTATION.

EXPERIENCE : J.R.F. AND S.T.A., C.S.M.C.R.I., 1982-86; SCIENTIST B, C.S.M.C.R.I. SINCE DECEMBER, 1986; (ALSO TRAINING IN INSTRUMENTATION, W.GERMANY, 1987).

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS AND COORDINATION CHEMISTRY.

LANGUAGES : URDU, HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 2, OPERATION - 3, COMPUTER PROCESSING - 1.

2565

SHRI RAVIKUMAR BHAGWAN THORAT; (B. DECEMBER 18, 1964),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '85; M.SC. CHEMISTRY - SHIVAJI '87.

SPECIALIZATIONS : INORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B, C.S.M.C.R.I. SINCE MARCH, 1991.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENST FILED CURRENTLY - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2.

2566

SHRI J J TRIVEDI; (B. DECEMBER 20, 1952),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '73; M.SC. CHEMISTRY - BOMBAY '78.

SPECIALIZATIONS : INORGANIC EXCHANGERS; PREPARATION OF ALKALI METAL BROMIDES; MULTIDENTATE LIGAND; SCALE PREVENTION AND DESALINATION BY ELECTRODIALYSIS; DEVELOPMENT OF CHROMIUM SELECTIVE ION EXCHANGE RESINS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1974-86; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN REACTIVE POLYMERS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16.

2567

DR S H ZAIDI; (B. JULY 31, 1954),

SCIENTIST B, MARINE ALGAL RESEARCH STATION, MANDAPAM (CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR).

QUALIFICATIONS : B.SC.(HONS.) BOTANY - A.M.U. '73; M.SC. BOTANY - A.M.U. '75; M.PHIL. BOTANY - A.M.U. '77; PH.D. BOTANY - A.M.U. '85; HIGH LEVEL DIPLOMA IN SCIENCE & TECHNOLOGY - B.I.T.S., PILANI '90.

SPECIALIZATIONS : PLANT EMBRYOLOGY; NUMERICAL TAXONOMY OF HIGHER PLANTS; MARINE BOTANY.

EXPERIENCE : RESEARCH ASSOCIATE, C.S.M.C.R.I., 1986-88; SCIENTIST B, C.S.M.C.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : SURVEY AND CULTIVATION OF ECONOMIC SEAWEEDS.

LANGUAGES : HINDI, URDU, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, TECHNICAL REPORT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 6, SURVEY OF MARINE ALGAL RESOURCES - 3.

2568

DR S T ZODAPE; (B. FEBRUARY 2, 1954),

SCIENTIST B, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. - NAGPUR '77; M.SC. BOTANY - NAGPUR '81.

SPECIALIZATIONS : ALGAE CULTIVATION; TAXONOMY OF ANGIOSPERMS.

EXPERIENCE : J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.S.M.C.R.I., 1980-88; SCIENTIST B, C.S.M.C.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN CULTIVATION OF ALGAE.

LANGUAGES : MARATHI, HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11.

2569

SHRI S L BHAT; (B. SEPTEMBER 12, 1937),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : I.SC. - GUJARAT '57; DIPLOMA IN MECHANICAL ENGINEERING - TECHNICAL EDUCATION BOARD, AHMEDABAD '81.

SPECIALIZATIONS : MAINTENANCE AND OPERATION OF MACHINERY; DIESEL ENGINE REPAIR.

EXPERIENCE : MECHANIC, S.L.A., J.S.A. AND S.T.A., C.S.M.C.R.I., 1966-88; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : REPAIRS AND MAINTENANCE OF SALT FARM MACHINERIES.

LANGUAGES : MARATHI, GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 8, MAINTENANCE - 17.

2570

MISS MRUNAL R BHATT; (B. MARCH 7, 1955),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '75.

SPECIALIZATIONS : INORGANIC CHEMISTRY.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A. AND S.S.A., C.S.M.C.R.I., 1976-91; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE JANUARY, 1991.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

2571

SHRI M T MAKWANA; (B. OCTOBER 8, 1959),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

2572

SHRI C M MANDALIA; (B. MARCH 26, 1939),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - GUJARAT '78.

SPECIALIZATIONS : CIVIL CONSTRUCTION.

EXPERIENCE : MISTRY, J.L.A., S.L.A., JUNIOR ENGINEER AND S.T.A., C.S.M.C.R.I., 1964-85; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE NOVEMBER, 1985.

PRESENT ACTIVITIES : CIVIL CONSTRUCTION.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 23.

2573

SHRI L V MARU; (B. APRIL 2, 1943),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - GUJARAT TECHNICAL BOARD '75; SANGEET ALANKAR IN INDIAN RYTHAM - GANDHARVA MAHAVIDYALAYA '80.

SPECIALIZATIONS : SOLAR ENERGY.

EXPERIENCE : UNSKILLED LAB. BEARER, BOATMAN, PLANT COLLECTOR, J.L.A., S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1964-90; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : SOLAR ENERGY.

LANGUAGES : GUJARATI, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 9

AWARDS & DISTINCTIONS : SHRI HARI OM ASHRAM PRERIT S S BHATNAGAR ENDOWMENT REASERCH AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH, OPERATION, PILOT PLANT, EXTENSION.

2574

DR(MISS) SANDHYA MISHRA; (B. SEPTEMBER 25, 1959),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. MICROBIOLOGY - SAURASHTRA '79; M.SC. MICROBIOLOGY - BHAVNAGAR '82; PH.D. BIOINORGANIC CHEMISTRY - BHAVNAGAR '89; DIPLOMA IN JOURNALISM - BHAVNAGAR '85.

SPECIALIZATIONS : BIOTECHNOLOGY; ENVIRONMENTAL POLLUTION.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1980-89; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1989.

LANGUAGES : HINDI, GUJARATI, SANSKRIT, ENGLISH, GERMAN.

VISITED : NEPAL, GERMANY, U.K., SWITZERLAND, THE NETHERLANDS, POLAND.

PUBLICATIONS & PATENTS : RES. PAPER - 20, ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 4, CONSTRUCTION - 4, TEACHING - 1, EDITING - 2, APPLIED RESEARCH - 9, OPERATION - 10, SURVEY OF NAT. RES. - 5, DOCUMENTATION - 3, DESIGN - 2, TESTING - 10, TECHNO-ECO SURVEY - 3, QUALITY CONTROL - 4, PILOT PLANT - 3, MAINTENANCE - 12, CONSULTANCY - 1.

2575

DR H M MODY; (B. JANUARY 21, 1954),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. MICROBIOLOGY - SAURASHTRA '75; B.SC. CHEMISTRY - BHAVNAGAR '80; M.SC. INORGANIC CHEMISTRY - BHAVNAGAR '82; PH.D. CHEMISTRY - BHAVNAGAR '92.

SPECIALIZATIONS : INORGANIC CHEMISTRY; MICROBIOLOGY.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1978-88; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 6, TECH. REPORTS - 4, PATENTS FILED CURRENTLY - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 5, APPLIED RESEARCH - 7.

2576

SHRI H J PADHIYAR; (B. OCTOBER 16, 1940),

SCIENTIST A, CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '73; M.SC. PHYSICAL CHEMISTRY - SAURASHTRA '78.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; INORGANIC CHEMISTRY; MAGNESIUM CHEMICALS; COORDINATION CHEMISTRY; HOMOGENEOUS CATALYSIS.

EXPERIENCE : JUNIOR STORE KEEPER, J.L.A., S.L.A., LAB. SUPERVISOR AND S.T.A., C.S.M.C.R.I., 1964-85; SCIENTIST A, C.S.M.C.R.I. SINCE APRIL, 1985.

PRESENT ACTIVITIES : R & D; LABORATORY MANAGEMENT.

LANGUAGES : GUJARATI, HINDI, URDU, ARABIC, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 6, QUALITY CONTROL - 6, MAINTENANCE - 10, LABORATORY MANAGEMENT - 13, SYNTHESIS OF INORGANIC COMPLEXES - 5.

2577

DR P PADMINIDEVI; (B. NOVEMBER 17, 1938),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

2578

SHRI PANKAJ P PATEL; (B. JUL. 12, 1959),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - TECHNICAL BOARD, GUJARAT '79; B.E. MECHANICAL ENGINEERING - BHAVNAGAR '90.

SPECIALIZATIONS : REVERSE OSMOSIS AND SOLAR ENERGY.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1980-91; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1991.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

2579

DR K M POPAT; (B. NOVEMBER 20, 1956),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '77; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '79; PH.D. CHEMISTRY - BHAVNAGAR '91.

SPECIALIZATIONS : REACTIVE POLYMERS; ION EXCHANGE TECHNOLOGY.

EXPERIENCE : J.T.A. AND S.T.A., C.S.M.C.R.I., 1981-91; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1991.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

2580

SHRI BHARAT LAXMAN PRASAD RAVAL; (B. FEBRUARY 25, 1957),

ASSISTANT EXECUTIVE ENGINEER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE. BHAVNAGAR.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - TECHNICAL EDUCATION BOARD, GUJARAT '77.

SPECIALIZATIONS : CONSTRUCTION OF CHEMICAL. CEMENT AND FERTILIZER PLANTS.

EXPERIENCE : SUPERVISOR, E.C.C. LTD., L & T CONSTRUCTION GROUP, BOMBAY, 1977-87; ASSISTANT EXECUTIVE ENGINEER (A), C.S.M.C.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : CONSTRUCTION & MAINTENANCE.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 13, MAINTENANCE - 3.

2581

SHRI UPENDRA PADMAKANT SARAIYA; (B. DECEMBER 11, 1951),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '73; M.SC. CHEMISTRY - BOMBAY '86.

SPECIALIZATIONS : SALT TECHNOLOGY; IODISATION OF SALT; RECOVERY OF MARINE CHEMICALS.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.S.M.C.R.I., 1974-90; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : SALT TECHNOLOGY.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10, APPLIED RESEARCH - 5, PILOT PLANT - 1. CONSULTANCY - 2.

2582

MRS B G SHAH; (B. APRIL 25, 1954),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '76.

SPECIALIZATIONS : POLYMER PREPARATION AND ITS APPLICATIONS.

EXPERIENCE : G.A., J.L.A., S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1976-91; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1991.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

2583

SHRI B D SHETHIA; (B. DECEMBER 1, 1951),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

2584

SHRI D P SURU; (B. SEPTEMBER 27, 1938),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE,3 BHAVNAGAR.

QUALIFICATIONS : RADIO SERVICE CERTIFICATE - MAHARASHTRA '62; DIPLOMA IN ELECTRICAL ENGINEERING - GUJARAT '76.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION.

EXPERIENCE : FINE MECHANIC, S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1964-86; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : REPAIR AND MAINTENANCE OF ELECTRONIC INSTRUMENTS.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 29.

2585

DR GAURANG S TRIVEDI; (B. SEPTEMBER 24, 1955),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '76; M.SC. ORGANIC CHEMISTRY - SAURASHTRA '78; PH.D. ORGANIC CHEMISTRY - BHAVNAGAR '81.

SPECIALIZATIONS : PREPARATION AND APPLICATION OF POLYMERIC MATERIALS.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., C.S.M.C.R.I., 1980-91; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE FEBRUARY, 1991.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

2586

SHRI NATWARLAL ATMARAM TRIVEDI; (B. JULY 13, 1935),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : S.S.C. - ALFRED HIGH SCHOOL, BHAVNAGAR '56.

SPECIALIZATIONS : SCIENTIFIC PHOTOGRAPHY; VIDEO SHOOTING.

EXPERIENCE : TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE JANURARY, 1988.

PRESENT ACTIVITIES : SCIENTIFIC PHOTOGRAPHY.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

VISITED : SRI LANKA.

2587

DR R H TRIVEDI; (B. OCTOBER 29, 1951),

TECHNICAL OFFICER (A), CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE, BHAVNAGAR.

QUALIFICATIONS : B.SC. CHEMISTRY - SAURASHTRA '74; M.SC. ORGANIC CHEMISTRY - BHAVNAGAR '84; PH.D. CHEMISTRY - BHAVNAGAR '91.

SPECIALIZATIONS : MARINE CHEMISTRY.

EXPERIENCE : LAB. ASSISTANT, ANIL STARCH PVT. LTD., 1976-80; TECHNICAL OFFICER (A), C.S.M.C.R.I. SINCE MARCH, 1980.

LANGUAGES : GUJARATI, HINDI, ENGLISH.

INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY

2588

DR A V RAMA RAO; (B. APRIL 2, 1935),

DIRECTOR, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '56; B.SC.(TECH) PHARMACEUTICALS AND FINE CHEMICALS - BOMBAY '60; PH.D.(TECH) ORGANIC CHEMISTRY - BOMBAY '64; D.SC. CHEMISTRY - BOMBAY '87.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC DYES; SYNTHETIC DRUGS; SYNTHESIS OF BIOLOGICALLY ACTIVE MOLECULES INCLUDING ANTIBIOTICS; NEW REAGENTS IN ORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH FELLOW(CSIR), N.C.L., 1960-65; SCIENTIST B, SCIENTIST C, SCIENTIST EI, SCIENTIST EII AND SCIENTIST F, N.C.L., 1965-85; (ALSO VISITING SCIENTIST, IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY, LONDON, 1974; POST-DOCTORAL RESEARCH FELLOW, HARVARD UNIVERSITY, U.S.A., 1975-77); DIRECTOR, I.I.C.T., HYDERABAD SINCE JULY, 1985.

PRESENT ACTIVITIES : RESEARCH ON NATURAL PRODUCTS, SYNTHETIC DRUGS AND ANTHRACYCLINE ANTIBIOTIC MACROLIDES.

LANGUAGES : TELEGU, HINDI, ENGLISH.

VISITED : U.K., U.S.A., JAPAN, U.S.S.R., HOLLAND, BULGARIA, CANADA, SWITZERLAND, FRANCE, W. GERMANY, ITALY, THE NETHERLANDS, YUGOSLAVIA, ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 240, PATENTS - 10.

AWARDS & DISTINCTIONS : K G NAIK GOLD MEDAL, M S UNIVERSITY, BARODA, 1982; AMRUT MODY RESEARCH AWARD IN PHARMACEUTICAL SCIENCES, 1984; VASVIK AWARD FOR CHEMICAL SCIENCES, 1984; BEST ALUMNI GOLDEN JUBILEE AWARD, BUDCT, BOMBAY, 1985; INDIAN MERCHANTS' CHAMBER AMAR-DYE AWARD FOR RESEARCH ON INDIGENOUS PRODUCTION OF DRUGS, 1986; FICCI CASH AWARD IN PHYSICAL SCIENCES INCLUDING MATHEMATICS, 1986; FELLOW, NATIONAL ACADEMY OF SCIENCES; FELLOW, INDIAN ACADEMY OF SCIENCES; FELLOW, MAHARASHTRA ACADEMY OF SCIENCES; FELLOW, INDIAN NATIONAL SCIENCE ACADEMY; RANBAXY RESEARCH FOUNDATION AWARD, 1987; CSIR TECHNOLOGY AWARD, 1991; INSA VISWAKARMA MEDAL, 1991; PADMA SHREE, 1991; DURGA PRASAD KHAITAN MEMORIAL MEDAL, 1992; CSIR TECHNOLOGY AWARD, 1993; TWNSO PRIZE IN TECHNOLOGY, 1993; CSIR BUSINESS DEVELOPMENT AWARD, 1994; UDCT DIAMOND, BOMBAY UNIVERSITY, 1994; GOYAL PRIZE, 1994.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 34, APP. RES. - 19, CONSULTANCY - 19, PLANNING AND TECHNOLOGY TRANSFER - 17, ADMN. - 19.

2589

DR U T BHALERAO; (B. SEPTEMBER 3, 1939),

SCIENTIST H, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS.) ORGANIC CHEMISTRY - POONA '61; M.SC. ORGANIC CHEMISTRY - POONA '63; PH.D. ORGANIC CHEMISTRY - POONA '66.

SPECIALIZATIONS : MASS SPECTROSCOPY; REACTION MECHANISM; SYNTHESIS OF NOVEL HETEROCYCLES; ISOLATION AND CHEMISTRY OF NEW ANTIBIOTICS; PHOTOCHEMISTRY, BIOORGANICS; PESTICIDES PROCESS DEVELOPMENT; PRODUCTION MANAGEMENT.

EXPERIENCE : J.R.F. AND S.R.F., I.I.C.T., HYDERABAD, 1963-68; POST-DOCTORAL FELLOW AND FACULTY MEMBER, UNIVERSITY OF CALIFORNIA, USA, 1968-71; POOL OFFICER (CSIR) AND SCIENTIST C, I.I.C.T., 1971-74; R & D MANAGER, SMITH KLINE & FRENCH LTD., BANGALORE, 1974-75; SCIENTIST EI, SCIENTIST EII, SCIENTIST F AND SCIENTIST G, I.I.C.T., 1975-90; SCIENTIST H, I.I.C.T SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN PESTICIDES, ORGANIC INTERMEDIATES, PHOTO CHEMISTRY AND BIOORGANICS.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., MEXICO, FRANCE, BANGLADESH.

PUBLICATIONS & PATENTS : RES. PAPERS - 95, TECH. REPORTS - 5, ARTICLES - 1, PATENTS TAKEN - 6, PATENTS FILED - 6, PROCESSES DEVELOPED - 18, PROCESSES UNDER UTILISATION - 7.

AWARDS & DISTINCTIONS : JAYEES AWARD AS OUTSTANDING PERSON IN THE FIELD OF SCIENCE FOR THE YEARS 1978, 1980; VASVIK AWARD, 1989; FELLOW, A P ACADEMY OF SCIENCES, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 20, PILOT PLANT - 20, CONSULTANCY - 20, R & D MGMT. - 20, QLTY. CONTROL - 20, PRODN. - 5, TEACHING - 1, PLANNING - 15.

2590

SHRI R N PARLIKAR; (B. OCTOBER 14, 1937),

SCIENTIST G, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - OSMANIA '62; P.G. DIPLOMA IN BUSINESS MANAGEMENT - OSMANIA; GRUNDSTUFFE ZWEI IN GERMAN - MAX MUELLER BHAVAN '67.

SPECIALIZATIONS : DESIGN AND ENGINEERING OF PROCESS PLANTS; PROCESS DEVELOPMENT; COMPUTER AIDED DESIGN OF CHEMICAL PROCESS EQUIPMENT AND MACHINES; ENGINEERING AND SYSTEM DESIGN.

EXPERIENCE : PLANT MANAGER, SCIENTIST C, SCIENTIST EI, SCIENTIST EII AND SCIENTIST F, I.I.C.T., HYDERABAD, 1964-82; SCIENTIST G, I.I.C.T., HYDERABAD SINCE APRIL, 1990.

PRESENT ACTIVITIES : DESIGN OF PILOT, PROTO-TYPE AND COMMERCIAL PLANTS; COMMISSIONING AND TROUBLESHOOTING OF COMMERCIAL PLANTS; PROCESS PLANT EQUIPMENT DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., MALAYASIA, PHILIPPINES, FRANCE, THE NETHERLANDS, SWITZERLAND, ITALY.

PUBLICATIONS & PATENTS : TECH. REPORTS - 26, PATENTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, TECH. DEV., PILOT PLANT AND CONSULTANCY (TOTAL 20 YEARS).

2591

SHRI T S R ANJANEYULU; (B. JULY 10, 1936),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '57; B.E. MECHANICAL - OSMANIA '60.

SPECIALIZATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : S.S.A., MECHANICAL ENGINEER, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, IICT, HYDERABAD, 1961-85; SCIENTIST F, IICT, HYDERABAD SINCE NOVEMBER, 1985.

PRESENT ACTIVITIES : R & D IN COAL ENERGY, UTILIZATION AND DEVELOPMENT OF NEW TECHNOLOGIES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : W. GERMANY, CANADA, U.S.A., CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : PATENTS - 1, PUBLICATIONS - 3, REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROCESS DEVELOPMENT AND DESIGN, ERECTION, OPERATION AND MAINTENANCE OF CHEMICAL PLANTS, INDUSTRIAL MANAGEMENT - (TOTAL: 30 YEARS).

2592

DR SAJID HUSAIN; (B. MAY 15, 1939),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - A.M.U '60; PH.D. CHEMISTRY - A.M.U '66.

SPECIALIZATIONS : PETROLEUM CHEMISTRY; COAL TECHNOLOGY; PHYSICO-ORGANIC CHEMISTRY; FOOD TECHNOLOGY; DRUGS; PESTICIDES; ANALYTICAL CHEMISTRY.

EXPERIENCE : RESEARCH ASSISTANT, J.S.A., S.S.A., S.S.O. II/SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, IICT, HYDERABAD, 1960-84; (ALSO POST-DOCTORAL RESEARCH IN PETROLEUM CHEMISTRY AND COAL TECHNOLOGY, UNIVERSITY OF KARLSRUHE, W.GERMANY, 1968-70 AND IN ANALYTICAL CHEMISTRY, UNIVERSITY OF HEIDELBERG, W.GERMANY, 1976; CONSULTANT TO FOOD TECH. DEVELOP DEVELOPMENT CENTRE BOGOR AGRICULTURE UNIVERSITY, INDONESIA, 1982-83); SCIENTIST F, IICT, HYDERABAD SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT.

LANGUAGES : URDU, HINDI, ENGLISH, GERMAN.

VISITED : U.K., W. GERMANY, HOLLAND, BUDAPEST, FRANCE, INDONESIA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, TECH. REPORTS - 8, ARTICLES - 18, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT, CONSULTANCY, TESTING, QLTY. CONTROL AND ADMN. (TOTAL: 30 YEARS).

2593

DR A A KHAN; (B. OCTOBER 9, 1941),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '64; PH.D. CHEMICAL ENGINEERING - UNIVERSITY OF NEWCASTLE, UK '74.

SPECIALIZATIONS : PROCESS DEVELOPMENT; PROCESS DESIGN AND ENGINEERING; MEMBRANE SEPARATIONS; HAZARD ANALYSIS OF CHEMICAL PROCESS PLANTS.

EXPERIENCE : J.S.A. AND S.S.A., IICT, HYDERABAD, 1964-67; PROJECT LEADER, ANGLO GREAT LAKES CORPORATION, UK, 1968-71; SENIOR RESEARCH ASSOCIATE, UNIVERSITY OF NEWCASTLE, UK, 1974-75; RESEARCH ASSOCIATE, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1975-85; SCIENTIST F, IICT, HYDERABAD SINCE APRIL, 1985.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; PROCESS DESIGN AND ENGINEERING; MEMBRANE SEPARATION PROCESSES; HAZARD ANALYSIS OF PROCESS PLANTS; RESEARCH MANAGEMENT.

LANGUAGES : URDU, ENGLISH.

VISITED : U.K., U.S.A., MALAYASIA, JAPAN, THE NETHERLANDS, IRAN, BOTSWANA.

AWARDS & DISTINCTIONS : VASVIK AWARD FOR CHEMICAL SCIENCES AND TECHNOLOGY, 1988.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PROCESS TECHNOLOGY, DEVELOPMENT PROCESS DESIGN, PILOT PLANT DESIGN AND OPERATION, COMMISSIONING OF COMMERCIAL PLANTS, CONSULTANCY AND R & D MGMT. - (TOTAL: 27 YEARS).

2594

SHRI KANT RAO NAIK; (B. NOVEMBER 17, 1938),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '62.

SPECIALIZATIONS : PROCESS DESIGN AND DEVELOPMENT; TROUBLESHOOTING.

EXPERIENCE : CHEMIST, M/S BIOCHEMICAL AND SYNTHETIC PRODUCTS LTD., SANATNAGAR, HYDERABAD, 1960-62; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, IICT, HYDERABAD, 1962-90; SCIENTIST F, SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : PROCESS DESIGN AND DEVELOPMENT.

LANGUAGES : MARATHI, HINDI, TELUGU, KANNADA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 8, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 4, DESIGN - 6, PILOT PLANT - 5, CONSULTANCY - 5, QLTY. CONTROL - 1, PRODUCTION - 5, TECHNO-ECONOMIC SURVEYS - 1, COMPUTER PROCESSING - 1.

2595

DR S KONDALA RAO; (B. DECEMBER 8, 1937),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - ANDHRA '59; PH.D. FLUIDIZED BED COMBUSTION OF INDIAN COALS - RANCHI '84.

SPECIALIZATIONS : DESIGN AND DEVELOPMENT OF PLANT AND EQUIPMENT; R & D MANAGEMENT.

EXPERIENCE : JR. ENGINEER, PWD, SEETHANAGARAM, GUNTUR (AP), 1960-62; ASSTT. ENGINEER, H.E.C. LTD., RANCHI, 1962-70; (ALSO ADVANCED TRAINING IN MECHANICAL ENGG. EQUIPMENT DESIGN AT YUZURAL MASHI JAVOD, ORSK, USSR); SCIENTIST C AND SCIENTIST EI, RRL JORHAT, 1970-77; SCIENTIST F, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D MANAGEMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R., U.K., PERU, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, TECH. REPORTS - 15, PATENTS TAKEN - 14, PROCESSES DEVELOPED - 11, PROCESSES UNDER UTILISATION - 5.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF ENGINEERS (INDIA); FELLOW, INDIAN INSTITUTION OF PLANT ENGINEERS.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21, DESIGN - 31, TECHNICAL DEV. - 20, PILOT PALNT - 20, CONSTRUCTION - 20, MAINTENANCE - 31.

2596

DR M NARAYAN REDDY; (B. AUGUST 7, 1936),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - OSMANIA '59; M.TECH. CHEMICAL ENGINEERING - OSMANIA '60; PH.D. CHEMICAL TECHNOLOGY - MOSCOW INSTITUTE OF CHEMICAL TECHNOLOGY, U.S.S.R. '68.

SPECIALIZATIONS : HEAT TRANSFER; MASS TRANSFER OPERATIONS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII IICT, HYDERABAD, 1961-90, SCIENTIST F, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : PROCESS DESIGN AND DEVELOPMENT.

LANGUAGES : TELUGU, URDU, HINDI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 8, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, DESIGN - 12, PILOT PLANT - 9.

2597

DR P J REDDY; (B. AUGUST 28, 1939),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.A. MATHEMATICS - OSMANIA '60; M.A. STATISTICS - OSMANIA '62; PROFESSIONAL STATISTICIANS CERTIFICATE IN ADVANCED STATISTICS - IASRI, NEW DELHI '63; PH.D. COMPUTER APPLICATION SOFTWARE - J.N.T.U. '82.

SPECIALIZATIONS : ADVANCED COMPUTER SYSTEMS; PROGRAMMING LANGUAGES; NUMERICAL METHODS AND OPTIMIZATION TECHNIQUES; DATA PROCESSING AND INFORMATION SYSTEMS.

EXPERIENCE : LECTURER, OSMANIA UNIVERSITY, 1963-64; S.S.A., DEFENCE RESEARCH AND DEVELOPMENT LABORATORY, 1964-66; SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, IICT, HYDERABAD, 1966-90; (ALSO ADVANCED TRAINING IN C SYSTEMS, OPERATIONS RESEARCH AND MANAGEMENT APPLICATIONS, W. GERMANY, 1972-73 AND DIRECTOR, COMPUTER CENTRE , PLANNING COMMISSION (ON DEPUTATION) 1978-80): SCIENTIST F, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : HEAD, COMPUTER CENTRE; COMPUTER APPLICATIONS TO CHEMISTRY, CHEMICAL ENGINEERING DESIGN, SIMULATION AND OPTIMIZATION; CONSULTANCY TRAINING AND EDUCATION INFORMATION TECHNOLOGY, PC SOFTWARE.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH, GERMAN.

VISITED : GERMANY, U.K., IRELAND, FRANCE, THE NETHERLANDS, BELGIUM, MALAYASIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, TECH. REPORTS - 34, SCIENTIFIC BOOKS - 1, ARTICLES - 1, CONFERENCE PAPERS - 22.

AWARDS & DISTINCTIONS : CHAIRMAN, COMPUTER SOCIETY OF INDIA, HYDERABAD CHAPTER, 1981-83; CHAIRMAN, PROGRAMME COMMITTEE, COMPUTER SOCIETY OF INDIA ANNUAL CONVENTION, CSI, 1984.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, COMPUTING AND DATA PROCESSING - 26, CONSULTANCY - 14, R&D MGMT.-15 , DESIGN - 8, ADMN. - 8, COMPUTER EDUCATION AND TRAINING - 12, TECHNO-ECON. SURVEYS - 4, NATIONAL PLANNING - 2.

2598

SHRI T KRISHNA REDDY; (B. MAY 30, 1942),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - OSMANIA '65.

SPECIALIZATIONS : CHEMICAL PLANT DESIGN AND ENGINEERING; FABRICATION AND DEVELOPMENT OF NEW EQUIPMENTS; MANUFACTURE OF ACTIVATED CARBONS; DESIGN OF SPOUTED BED REACTORS AND ROTARY KILNS; PROJECT PLANNING, EVALUATION AND MONITORING; TECHNOLOGY TRANSFER; COORDINATION AND INDUSTRIAL LIAISON.

EXPERIENCE : SHIFT ENGINEER, HYDERABAD ASBESTOS CEMENT PRODUCTS (P) LTD., HYDERABAD, 1965; JUNIOR ENGINEER, PROTECTED WATER SUPPLY SCHEME, ANDHRA PRADESH, 1965-66; S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, IICT, HYDERABAD, 1966-90; SCIENTIST F, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : HEAD, PLANNING, COORDINATION AND LIAISION DIVISION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 12, PILOT PLANT - 3, PLANNING - 5, CONSULTANCY - 3, FABRICATION - 5.

2599

DR M YASEEN; (B. DECEMBER 29, 1937),

SCIENTIST F, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - LUCKNOW '54; M.SC. CHEMISTRY - LUCKNOW '56; PH.D. PHYSICAL CHEMISTRY - LUCKNOW '62; CERTIFICATE OF PROFICIENCY IN GERMAN - LUCKNOW '60.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ORGANIC COATINGS; CORROSION OF METALS ; POLYMERIC MATERIALS.

EXPERIENCE : S.R.F., S.S.O.II, S.S.O.I/SCIENTIST C, SCIENTIST EI, AND SCIENTIST EII, IICT, HYDERABAD 1961-86; (ALSO POST-DOCTORAL FELLOW, NATIONAL RESEARCH COUNCIL, CANADA, 1967-70; AND VISITING SCIENTIST, TO W.GERMANY AND CANADA, 1975-76); SCIENTIST F, IICT, HYDERABAD SINCE JULY, 1986.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT.

LANGUAGES : URDU, HINDI, ENGLISH, GERMAN.

VISITED : CANADA, U.S.A., U.K., FRANCE, W. GERMANY, ITALY, GREECE, EGYPT, THE NETHERLANDS, BELGIUM, SAUDI ARABIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 102, TECH. REPORTS - 6, ARTICLES - 5, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : DR S HUSSAIN ZAHEER MEMORIAL AWARD FOR SIGNIFICANT CONTRIBUTIONS IN ORGANIC COATING TECHNOLOGY, 1980; INDIAN PAINTS ASSOCIATION AWARDS, 1982, 1984, 1986; EDITOR, INTERNATIONAL REVIEW JOURNAL "PROGRESS IN ORGANIC COATINGS" PUBLISHED BY ELSEVIER, SWITZERLAND; MEMBER, ORGANISING COMMITEE OF NATIONAL ASSSOCIATION OF CORROSION ENGINEERS (NACE), USA, 1980-81; MEMBER, FEDERATION OF SOCIETIES FOR COATING TECHNOLOGY, USA; MEMBER, OIL AND COLOUR CHEMISTS ASSOCIATION, UK.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 34, APP. RES. - 29, TECH. DEV. - 25, R&D MGMT. - 23.

2600

DR A B AFZALPURKAR; (B. JANUARY 11, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '62; M.TECH. OIL TECHNOLOGY - OSMANIA '64; PH.D. OIL TECHNOLOGY - OSMANIA '80.

SPECIALIZATIONS : OILS AND FATS TECHNOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B,.SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1963-89; (ALSO ADVANCED TRAINING IN OIL TECHNOLOGY, UNDER DAAD PROGRAMME, W. GERMANY, 1970-72); SCIENTIST EII, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : R&D IN OIL SEEDS AND OILS (RICE BRAN STABILIZATION, BIOTECHNOLOGICAL APPLICATIONS).

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, SWEDEN.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 9, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 19, PILOT PLANT - 7.

2601

SHRI VEDANTA CHARY; (B. APRIL 14, 1947),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '68.

SPECIALIZATIONS : PROCESS CONTROL AND INSTRUMENTATION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1969-90; SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1990.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; DESIGN & ENGINEERING, COMMISSIONING AND TROUBLESHOOTING OF CHEMICAL PLANTS; RISK ASSESSMENT & HAZARD ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21, DESIGN - 17, PILOT PLANT - 21, OPERATION - 15, TESTING - 13, COMMISSIONING & TROUBLESHOOTING - 13, RISK ASSESMENT & HAZARD ANALYSIS - 4.

2602

DR R MARIA DOSS; (B. SEPTEMBER 9, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '58; M.SC. ELECTRONICS ENGINEERING - ANNAMALAI '61; GRADUATE I.T.E. '67; DIPLOMA IN ADVANCED ANALYTICAL INSTRUMENTS (EQUIVALENT TO B.E. IN INDIA) - UNIVERSITY OF TRONDHEIM, NORWAY '78; PH.D. ELECTRONICS ENGINEERING - OSMANIA '89.

SPECIALIZATIONS : ELECTRONICS; INSTRUMENTATION; SPECTROMETRY.

EXPERIENCE : DEMONSTRATOR, ENGINEERING COLLEGE, GUINDY, MADRAS, 1958-59; LECTURER, PRESIDENCY COLLEGE, MADRAS, 1961-64; S.L.A., CECRI, KARAIKUDI, 1964-65; S.S.A., CMERI, DURGAPUR, 1965-70; SCIENTIST B AND SCIENTIST C, IICT, JORHAT, 1970-81; (ALSO TRAINING IN ADVANCED ANALYTICAL INSTRUMENTS, NORWAY, 1978 AND IN MASS SPECTROMETRY & MICRO MASS 70-70H, UK, 1978 AND 1982); SCIENTIST EI, IICT, HYDERABAD, 1981-88; SCIENTIST EII, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : R&D AND MAINTENANCE OF ANALYTICAL AND PROCESS CONTROL INSTRUMENTS, VARIOUS CONTROL CIRCUITS AND ELECTRONIC INSTRUMENTS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : NORWAY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 1, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, MAINTENANCE - 16, TEACHING - 4, ADMN. - 25.

2603

SHRI ABNASH C DUA; (B. APRIL 2, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - DELHI '58; B.S. CHEMISTRY - DETROIT INSTITUTE OF TECHNOLOGY, USA, 1969; B.CHEM. CHEMICAL ENGINEERING - UNIVERSITY OF DETROIT, USA '72.

SPECIALIZATIONS : POLYURETHANE APPLICATIONS; METALLURGICAL ANALYSIS.

EXPERIENCE : SENIOR ASSISTANT CHEMIST, HINDUSTAN STEEL LTD., 1960-67; RESEARCH ASSISTANT, UNIVERSITY OF DETROIT, USA., 1969-73; SCIENTIST B. SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1973-89; SCIENTIST EII, IICT, HYDERABAD SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R & D IN POLYURETHANE.

LANGUAGES : PUNJABI, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 2, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, PILOT PLANT, TESTING AND QLTY. CONTROL - 5, TEACHING AND COMPUTER PROCESSING.

2604

DR KOTA GANGIAH; (B. FEBRUARY 27, 1938),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '63; M.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '65; PH.D. CHEMICAL ENGINEERING - I.I.T., BOMBAY '73.

SPECIALIZATIONS : OPTIMISATION; MODELLING; SIMULATION; SYNTHESIS; COMPUTER PROCESS CONTROL; FAULT DETECTION AND DIAGNOSIS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1965-88; (ALSO TRAINING IN COMPUTER PROCESS CONTROL, UNDER CSIR EXCHANGE PROGRAMME, UK, 1978), SCIENTIST EII, IICT, HYDERABAD SINCE JULY, 1988.

PRESENT ACTIVITIES : DETECTION AND DIAGNOSIS OF PROCESS FAULTS; LARGE SCALE OPTIMIZATION; ON-LINE OPTIMIZATION CONTROL; COMPUTER PROCESS CONTROL.

LANGUAGES : TELUGU, HINDI, ENGLISH, RUSSIAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 48, SCIENTIFIC BOOKS - 2, POPULAR SCIENCE BOOKS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING (PART TIME) - 12, COMPUTER APPLICATIONS - 22.

2605

DR P H GEDAM; (B. JULY 1, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MARATHWADA '59; M.SC. ORGANIC CHEMISTRY - MARATHWADA '61; PH.D. ORGANIC CHEMISTRY - MARATHWADA '72.

SPECIALIZATIONS : RESINS AND SURFACE COATINGS; OILS AND FATS; POLYMERS.

EXPERIENCE : LECTURER, MILIAD COLLEGE OF SCIENCE, AURANGABAD, 1961-64; S.S.A., SCIENTIST A, SCIENTIST B. SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1964-90; SCIENTIST EII, IICT, HYDERABAD SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, ARTICLES - 13, PAPERS PRESENTED - 7, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 26, CONSULTANCY - 26, TEACHING - 3.

2606

SHRI M M HASAN; (B. APRIL 26, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '54.

SPECIALIZATIONS : TECHNOLOGY TRANSFER; PLANNING; INDUSTRIAL LIAISON; PROCESS DEVELOPMENT AND EXTENSION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A.. SCIENTIST A. SCIENTIST B, SCIENTIST C, SCIENTIST EI, IICT, HYDERABAD, 1956-89; (ALSO ADVANCED STUDY ON MODERN TRENDS IN TECHNOLOGY TRANSFER, UK, 1977); SCIENTIST EII, IICT, HYDERABAD, SINCE MAY, 1989.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON AND TECHNOLOGY TRANSFER.

LANGUAGES : URDU, ENGLISH.

VISITED : U.K., MALAYASIA, ITALY, FRANCE, HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, PILOT PLANT - 2, TESTING - 2, TECHNOLOGY TRANSFER - 24.

2607

DR D SARANGA IYENGAR; (B. JUNE. 4, 1941),

SCIENTIST EII. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '61; M.SC. ORGANIC CHEMISTRY - VIKRAM '63; PH.D. SYNTHETIC ORGANIC CHEMISTRY - JABALPUR '71.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; REACTION MECHANISM; CHEMICAL AND SPECTROSCOPIC ANALYSIS.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A. SCIENTIST B. SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1963-89;

(ALSO DAAD FELLOW FOR POST-DOCTORAL RESEARCH, W.GERMANY, 1973-75); SCIENTIST EII. IICT. HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : R & D IN PESTICIDES.

LANGUAGES : TELUGU. HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, TECH. REPORTS - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 10, PILOT PLANT - 9, R & D MGMT. - 2, TEACHING - 1, SURVEY OF NATURAL RESOURCES - 1.

2608

DR(MRS) KAISER JAMIL; (B. OCTOBER 28, 1941),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '60; M.SC. ZOOLOGY - OSMANIA '62; PH.D. ZOOLOGY (ENTOMOLOGY) - OSMANIA '72.

SPECIALIZATIONS : ELECTRON MICROSCOPY; BIOLOGICAL CONTROL; REPRODUCTIVE BIOLOGY; BIOCHEMISTRY; ENVIRONMENTAL BIOLOGY.

EXPERIENCE : J.R.F., S.R.F., J.S.A., S.S.A., J.S.O., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1962-89; (ALSO COLOMBO PLAN AWARD FOR POST DOCTORAL RESEARCH, UNIVERSITY OF SYDNEY, AUSTRALIA, 1978-79; VISITING SCIENTIST, COMMONWEALTH INSTITUTE OF BIOLOGICAL CONTROL, TRINIDAD HEADQUARTERS, WEST INDIES, 1982 AND VISITING SCIENTIST, UNIVERSITY OF PARIS, FRANCE, 1983); SCIENTIST EII AND HEAD BIOLOGY DIVISION, IICT, HYDERABAD SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN BIOLOGICAL CONTROL OF WEEDS AND INSECT PESTS: ENVIRONMENTAL BIOLOGY AND ULTRA STRUCTURAL RESEARCH & BIOCHEMISTRY.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH, GERMAN, ARABIC.

VISITED : AUSTRALIA, NEW ZEALAND, HONG KONG, THAILAND, FRANCE, WEST INDIES, U.K., THE NETHERLANDS, JAPAN, U.S.A., CANADA, NAIROBI. EGYPT. ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 88, ARTICLES - 4, MONOGRAPH - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 25, MAINTENANCE AND PLANNING - 6.

2609

DR MD ZAFAR JAMIL; (B. SEPTEMBER 27, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - A.M.U. '55; M.SC. CHEMISTRY - A.M.U. '58; PH.D. CHEMISTRY - A.M.U. '62.

SPECIALIZATIONS : INORGANIC CHEMICALS.

EXPERIENCE : LECTURER. SHIBLI COLLEGE, AZAMGARH, 1958-59; J.R.F., S.S.A., S.S.O. II/SCIENTIST B. SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD. 1959-88; (ALSO HIGHER RESEARCH ON ESCA OF ANCHORED CATALYSTS, BIELEFELD UNIVERSITY. W. GERMANY); SCIENTIST EII. IICT. HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN MINERAL PRODUCTS, INORGANIC CHEMISTRY, METAL COMPLEXES AND CATALYSIS.

LANGUAGES : URDU, HINDI. ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 18, TECH. DEV. - 18, PILOT PLANT - 18. CONSULTANCY - 10, R&D MGMT. - 10, TEACHING - 2.

2610

DR T N B KAIMAL; (B. SEPTEMBER 16, 1941),

SCIENTIST EII. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '62; M.SC. APPLIED CHEMISTRY - KERALA '64; PH.D. OILS AND FATS - KERALA '71.

SPECIALIZATIONS : OILS AND FATS.

EXPERIENCE : J.S.A., S.S.A, SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI. IICT, HYDERABAD, 1964-89; SCIENTIST EII. IICT. HYDERABAD SINCE FEBRUARY. 1989.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 26. PATENTS - 1.

AWARDS & DISTINCTIONS : DR S HUSSAIN ZAHEER MEMORIAL AWARD FOR EXCELLENCE IN BASIC RESEARCH IN OILS & FATS, 1985, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 26.

2611

SHRI GULAM YASEEN KHAN; (B. APRIL 9, 1937),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '62; M.TECH. CHEMICAL ENGINEERING - OSMANIA '64.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1964-88; SCIENTIST EII, IICT, HYDERABAD SINCE JUNE, 1988.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING OF CHEMICAL PLANTS.

LANGUAGES : ENGLISH. URDU.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, PILOT PLANT - 19.

2612

DR A C KUNWAR; (B. MARCH 24, 1949),

SCIENTIST EII. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - AGRA '66; M.SC. PHYSICS - AGRA '68; PH.D. NMR SPECTROSCOPY - BOMBAY '73.

SPECIALIZATIONS : NMR SPECTROSCOPY.

EXPERIENCE : VISITING MEMBER, T.I.F.R., BOMBAY, 1968-73; SCIENTIST AND ASSOCIATE PROFESSOR, RAMAN RESEARCH INSTITUTE, BANGALORE, 1973-86 (ALSO POST-DOCTORAL FELLOW, UNIVERSITY OF BASEL, SWITZERLAND, 1976-77 AND VISITING SCIENTIST, UNIVERSITY OF ILLINOIS, U.S.A., 1983-85); SCIENTIST EI, IICT, HYDERABAD 1985-86; SCIENTIST EII, IICT, HYDERABAD SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : RESEARCH IN NUCLEAR MAGNETIC RESONANCE.

LANGUAGES : HINDI, ENGLISH.

VISITED : SWITZERLAND, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 75, SCIENTIFIC BOOKS - 1, ARTICLES - 10.

AWARDS & DISTINCTIONS : YOUNG SCIENTIST AWARD FOR RESEARCH IN NMR SPECTROSCOPY, INSA, 1981; BRUKER NMR AWARD FOR YOUNG SCIENTISTS, BRUKER, GERMANY, 1982; FELLOW, NATIONAL ACADEMY OF SCIENCES, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22.

2613

DR J P MISRA; (B. AUGUST 11, 1937),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - AGRA '57; B.SC.(TECH) OILS & FATS - AGRA '59; M.SC.(TECH) PAINTS AND VARNISHES - AGRA '60; PH.D.(TECH) PAINTS, OILS - AGRA '70.

SPECIALIZATIONS : CORROSION CONTROL; PAINTS AND VARNISHES; OILS AND FATS; POLYMERS; SYNTHETIC RESINS; POLYURETHANES; ORGANIC MEMBRANES.

EXPERIENCE : SENIOR SCIENTIFIC ASST, SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1961-91; SCIENTIST EII, IICT, HYDERABAD SINCE JANUARY, 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORTS - 2, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT, TESTING AND TEACHING - (TOTAL 26 YEARS).

2614

DR NORI KRISHNA MURTI; (B. AUGUST 16, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS.) - BOMBAY '60; B.SC. (TECH) OILS, FATS AND WAXES - BOMBAY '62; M.SC. (TECH) OILS, FATS AND WAXES - BOMBAY '65; PH.D. (TECH) POLYMERISABLE MONOMERS FROM FATTY OILS - BOMBAY '71.

SPECIALIZATIONS : SURFACE COATINGS; PRINTING INKS; POLYMERS; OILS AND FATS; ADHESIVES.

EXPERIENCE : JUNIOR CHEMIST, BOMBAY UNIVERSITY, 1962-65; S.S.A., RRL, HYDERABAD, 1965-73; SENIOR CHEMIST, BANK NOT PRESS, DEWAS, 1973-76; (ALSO TRAINING IN PRODUCTION OF SPECIAL PRINTING INKS FOR PRINTING OF CURRENCY NOTES FOR INDIA, SWITZERLAND AND W.GERMANY, 1974); SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1976-86; SCIENTIST EII, IICT, HYDERABAD SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D IN ADHESIVES AND POLYMERS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : SWITZERLAND, W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, ARTICLES - 20, PROCESSES DEVELOPED - 6, KNOW HOUSE SOLD - 6.

AWARDS & DISTINCTIONS : RBGV SWAIKA AWARD, 1981; 1ST PRIZE, INDIAN PAINTS ASSOCIATION, 1982; DR S HUSSAIN ZAHEER MEMORIAL AWARD, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 12, PILOT PLANT - 7, PRODUCTION - 4, IND. MGMT. - 4.

2615

SHRI K V R S MURTY; (B. OCTOBER 31, 1946),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '67; B.E. MECHANICAL ENGINEERING - ANDHRA '70.

SPECIALIZATIONS : ERECTION/COMMISSIONING OF AIR SEPARATION PLANTS, COAL GASIFICATION PLANTS, AND CHEMICAL PROCESS PLANTS.

EXPERIENCE : CHARGEMAN AND SENIOR CHARGEMAN, M/S BHARAT HEAVY PLATE & VESSELS LTD., VISAKHAPATNAM, 1972-77; PROJECT MANAGER, M/S ANDHRA PRADESH INDUSTRIAL GASES LTD., HYDERABAD, 1977-79; SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1979-90; SCIENTIST EII, IICT, HYDERABAD SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : R & D IN COAL-GASIFICATION TECHNOLOGIES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA, W. GERMANY.

PUBLICATIONS & PATENTS : TECH. PAPER - 1, TECHNICAL REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH, DESIGN OPERATION AND MAINTENANCE - 11, CONSTRUCTION - 10.

2616

DR S NARAYANAN; (B. OCTOBER 25, 1941),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '61; M.SC. CHEMISTRY - MADRAS '63; PH.D. CHEMISTRY - MADRAS '68.

SPECIALIZATIONS : SURFACE CHEMISTRY; CATALYSIS; ANALYTICAL AND PHYSICAL CHEMISTRY.

EXPERIENCE : LECTURER, ST. JOHN'S COLLEGE, PALAYAMKOTTAI, 1963-64; DEMONSTRATOR AND RE-

SEARCH FELLOW, LOYOLA COLLEGE, MADRAS, 1964-68; LECTURER, IIT, MADRAS, 1968-70; RESEARCH ASSOCIATE, ST. JOSEPH COLLEGE, W.HARTFORD, USA, 1970-74; ADJUNCT FACULTY, UNIVERSITY OF HARTFORD, USA; POOL OFFICER (CSIR), I.I.P., DEHRADUN, 1974-76; RESEARCH ASSOCIATE, N.R.C. IRELAND, 1976-78; RESEARCH ASSOCIATE, UNIVERSITY OF WATERLOO, CANADA, 1978-80; ASSISTANT PROFESSOR, LOYOLA COLLEGE, MADRAS, 1980-81; SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1981-89; SCIENTIST EII, IICT, HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH, GERMAN, FRENCH.

VISITED : U.S.A., IRELAND, CANADA, U.S.S.R., GERMANY, HUNGARY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 65, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 11, TEACHING - 10.

2617

DR M PARDHASARADHI; (B. NOVEMBER 13, 1942),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS) CHEMISTRY - ANDHRA '63; M.SC. ORGANIC CHEMISTRY - ANDHRA '64; PH.D. CHEMISTRY - ANDHRA '69.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; ORGANOMETALLIC CHEMISTRY; ORGANIC INTERMEDIATES.

EXPERIENCE : J.R.F., S.R.F., POOL OFFICER (CSIR), SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1964-86; (ALSO POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF CALIFORNIA, BERKELEY, USA, 1978-79); SCIENTIST EII, IICT, HYDERABAD SINCE MARCH, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, ENGLISH.

VISITED : U.S.A., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 10, PILOT PLANT - 3, TEACHING - 3.

2618

DR T N PARTHASARATHY; (B. DECEMBER 27, 1939),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '61; M.SC. CHEMISTRY - OSMANIA '64; PH.D. - ORGANIC CHEMISTRY - OSMANIA '69.

SPECIALIZATIONS : ORGANIC INTERMEDIATES; PESTICIDES; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSISTANT, CIBA RESEARCH CENTRE, BOMBAY, 1970-71; (ALSO VISITED SWITZERLAND FOR SPECIALIZED TRAINING IN PESTICIDE FORMULATION, QUALITY CONTROL AND SAFETY, 1971); DEVELOPMENT OFFICER, CIBA PESTICIDES PLANT, GOA, 1971-75; SCIENTIST C, IICT, HYDERABAD, 1975-80; ASSOCIATE DIRECTOR, SARABHAI RESEARCH CENTRE, BARODA, 1980-84; SCIENTIST EI, IICT, HYDERABAD, 1984-89; (ALSO VISITED EAST GERMANY AS A UNIDO FELLOW FOR SPECIALISED TRAINING IN PESTICIDE PRODUCTION AND FORMULATION TECHNOLOGY, 1985); SCIENTIST EII, IICT, HYDERABAD SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R & D IN PESTICIDES FORMULATION, ANALYSIS AND RESIDUE ANALYSIS.

LANGUAGES : TAMIL, HINDI, TELEGU, ENGLISH.

VISITED : SWITZERLAND, E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 10, PROCESS DEVELOPED - 20, PROCESSES UNDER UTILISATION - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 19, PILOT PLANT - 7, CONSULANCY - 5, R & D MANAGEMENT - 5, QUALITY CONTROL - 4, PRODUCTION - 1, IND. MANAGEMENT - 1, SALES MARKETING - 1, ADMINISTRATION - 5, DOCUMENTATION - 7.

2619

DR MOHAMAD FAZAL RAHMAN; (B. APRIL 19, 1938),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; M.SC. CHEMISTRY - MARATHWADA '64; PH.D. ORGANIC CHEMISTRY - MARATHWADA '72.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY - HETEROCYCLIC SYNTHETIC PESTICIDES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1965-89; (ALSO POST-DOCTORAL RESEARCH IN ORGANIC CHEMISTRY, NATIONAL INSTITUTE OF HEALTH USA, 1975-77 AND VISITING SCIENTIST, FRANCE, 1982); SCIENTIST EII, IICT, HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

VISITED : U.S.A., FRANCE, GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS -18, TECH. REPORTS - 5, PATENT FILED - 1, PAPER PRESENTED - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 18, PILOT PLANT - 18, PRODUCTION - 10, TEACHING - 1.

2620

DR A RAJIAH; (B. JULY 1, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '60; M.SC. (TECH.) PETROLEUM TECHNOLOGY - AGRA '64; PH.D. CHEMICAL ENGINEERING (INDIAN FATTY MATERIALS) - OSMANIA '71.

SPECIALIZATIONS : GAS-LIQUID CHROMATOGRAPHY; VAPOUR-LIQUID EQUILIBRIUM AT NORMAL AND HIGH PRESSURE; TRANSPORT PROPERTIES.

EXPERIENCE : SHIFT CHEMIST, M/S S.P.M. LTD., SIRPUR KAGHAZNAGAR, A.P., 1960-63; S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD

1964-90 (ALSO HIGHER STUDIES ON VAPOUR-LIQUID EQUILIBRIUM AT HIGH PRESSURES,CZECHOSLOVAKIA, 1978): SCIENTIST EII, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : R&D IN THERMODYNAMIC PROPERTIES OF CHEMICAL SUBSTANCES.

LANGUAGES : TELUGU, URDU, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 2, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 7, DESIGN - 2, TECH. DEV., PILOT PLANT - 4, R&D MGMT. - 2.

2621

DR J MADHUSUDANA RAO; (B. AUGUST 6, 1939),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '60; M.SC. ORGANIC CHEMISTRY - VIKRAM '62; DR. RER. NAT. CHEMISTRY EBERHARDT - KARLS UNIVERSITY, W.GERMANY '72.

SPECIALIZATIONS : ORGANIC PHOTOCHEMISTRY; ORGANIC SYNTHESIS; INDUSTRIAL PROCESS DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1962-88; (ALSO HIGHER STUDIES IN CHEMISTRY, UNDER DAAD FELLOWSHIP, W.GERMANY, 1968-72 AND POST-DOCTORAL RESEARCH IN PHOTOCHEMISTRY, NEW YORK UNIVERSITY, USA, 1979-81); SCIENTIST EII, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT.

LANGUAGES : TELUGU, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.S.A., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, TECHNICAL REPORTS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2, BOOKS REVIEW - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 28.

2622

DR M PANDURANGA RAO; (B. SEPTEMBER 2, 1938),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '60; M.SC. - ORGANIC CHEMISTRY - VIKRAM '62; PH.D. SYNTHETIC ORGANIC CHEMISTRY - VIKRAM '70.

SPECIALIZATIONS : NATURAL PRODUCTS; PESTICIDES.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1962-91; (ALSO ADVANCED TRAINING IN CHEMISTRY OF NATURAL PRODUCTS, HEIDELBERG UNIVERSITY, W. GERMANY, 1970-71); SCIENTIST EII, IICT, HYDERABAD SINCE JUNE, 1991.

PRESENT ACTIVITIES : R & D IN PESTICIDES.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS - 5, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 14, PILOT PLANT - 8.

2623

DR M V RAMANA RAO; (B. AUGUST 29, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMICAL TECHNOLOGY - ANDHRA; M.SC. CHEMICAL ENGINEERING - ANDHRA; PH.D. CHEMICAL ENGINEERING - UNIVERSITY OF SWANSEA, UK.

SPECIALIZATIONS : PROCESS DESIGN OF CHEMICAL PLANT EQUIPMENT.

EXPERIENCE : J.R.F. AND S.S.A., I.I.C.T., HYDERABAD, 1962-66; RESEARCH OFFICER, BRITISH STEEL CORPORATION, NEWPORT, U.K., 1971-72; POOL OFFICER (CSIR), SCIENTIST C AND SCIENTIST EI, I.I.C.T., HYDERABAD, 1973-86; (ALSO HIGHER TRAINING IN PETROCHEMICAL FURNACE SIMULATION, BELGIUM, 1979-80); SCIENTIST EII, I.I.C.T., HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.K., BELGIUM.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, DESIGN - 7, PILOT PLANT - 1.

2624

SHRI Y BHASKAR RAO; (B. OCTOBER 20, 1948),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '68; A.M.I.E. MECHANICAL ENGINEERING - INSTITUTION OF ENGINEERS(INDIA) '72; M.E. MECHANICAL - ALLAHBAD '75.

SPECIALIZATIONS : STRESS ANALYSIS; DESIGN OF PRESSURE VESSELS AND CHEMICAL PROCESS EQUIPMENT; COMPUTER AIDED MECHANICAL DESIGN OF PROCESS EQUIPMENT; PROJECT ENGINEERING.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1976-90 SCIENTIST EII, IICT, HYDERABAD SINCE AUGUST, 1990.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING; STRESS ANALYSIS; EQUIPMENT DEVELOPMENT; ERECTION AND OPERATION OF PILOT PLANTS; COMPUTER AIDED DESIGN AND DRAFTING OF PROCESS EQUIPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11.

2625

DR K VENKAT REDDY; (B. JUNE 7, 1946),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '70; M.TECH. CHEMICAL PLANT ENGINEERING - J.N.T.U '72; PH.D. CHEMICAL ENGINEERING -KAKATIYA '81.

SPECIALIZATIONS : MODELLING AND SIMULATION OF CHEMICAL PLANTS.

EXPERIENCE : ASSOCIATE LECTURER, REGIONAL ENGINEERING COLLEGE, WARANGAL, 1972-73; S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD 1973-91; SCIENTIST EII, IICT, HYDERABAD SINCE JANUARY, 1991.

PRESENT ACTIVITIES : MODELLING AND SIMULATION OF CHEMICAL PLANTS; COMPUTER PROGRAMMES DEVELOPMENT FOR PROCESS EQUIPMENT DESIGN AND CHEMICAL PROCESS PLANT DESIGN.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 1, COMPUTER APPLICATIONS IN CHEMICAL ENGINEERING - 17.

2626

DR Y S SADANANDAM; (B. JULY 7, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; M.SC. ORGANIC CHEMISTRY - OSMANIA '61; PH.D. MEDICINAL CHEMISTRY - OSMANIA '66; DIPLOMA IN GERMAN - OSMANIA '64; DIPLOMA IN GERMAN - PHILIPPS UNIVERSITY, MARBURG/LAHN, W.GERMANY '69.

SPECIALIZATIONS : ORGANIC CHEMISTRY; MEDICINAL CHEMISTRY; MASS SPECTROSCOPY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1961-89; (ALSO ADVANCED STUDY AND RESEARCH IN ORGANIC CHEMISTRY, PHARMAZEUTISCHES INSTITUTE, MARBURG/LAHN, W. GERMANY, 1968-72 AND RESEARCH ON BIOLOGICALLY ACTIVE COMPOUNDS WITH NOVEL AND NEW HETEROCYCLIC RING SYSTEMS, PHARMAZEUTISCHES INSTITUTE, MARBURG/LAHN AND LUDWIG MAXIMILIONS UNIVERSITAT AT MUNCHEN, 1984); SCIENTIST EII, IICT, HYDERABAD SINCE AUGUST, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : MEMBER, ROYAL SOCIETY OF CHEMISTS, U K.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. AND PILOT PLANT (TOTAL 25 YEARS).

2627

DR A V B SANKARAM; (B. SEPTEMBER 1, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '55; B.SC. (HONS.) CHEMISTRY - ANDHRA '57; M.SC. ORGANIC CHEMISTRY - ANDHRA '58; PH.D. CHEMISTRY OF NATURAL PRODUCTS - ANDHRA '69.

SPECIALIZATIONS : BIOLOGICALLY ACTIVE NATURAL PRODUCTS FROM HIGHER PLANTS; NMR AND MASS SPECTROMETRY APPLICATIONS.

EXPERIENCE : DEMONSTRATOR AND J.R.F. (CSIR), ANDHRA UNIVERSITY, 1958-61; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C, AND SCIENTIST EI, IICT, HYDERABAD, 1961-86; (ALSO HIGHER STUDIES IN CHEMISTRY OF COLOURING MATTERS, NATURAL CROP PROTECTANTS AND APPLICATIONS OF MASS SPECTROMETRY, HUNGARY, 1973); SCIENTIST EII, IICT, HYDERABAD SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : R & D IN ORGANIC CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, TEACHING - 4.

2628

SHRI PREM RAJ SHAH; (B. NOVEMBER 9, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '62; M.TECH. CERAMIC ENGINEERING - OSMANIA '64.

SPECIALIZATIONS : CHEMICAL ENGINEERING; CERAMIC ENGINEERING; CHEMICAL PLANT DESIGN.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1964-90; SCIENTIST EII, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : R&D AND DESIGN OF CHEMICAL PLANTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN AND PILOT PLANT - 18.

2629

DR V SRIHARI; (B. MARCH 8, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '65; M.SC.(ENGG) CHEMICAL REACTION ENGINEERING - I.I.Sc. '69; PH.D. CHEMICAL REACTION ENGINEERING - I.I.Sc. '74.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; CHEMICAL PROCESS DESIGN AND DEVELOPMENT.

EXPERIENCE : J.S.A., R.R.L., HYDERABAD, 1965-66; S.T.A., I.I.Sc., BANGALORE, 1966-74; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD,1974-87 SCIENTIST EII, IICT, HYDERABAD SINCE JULY, 1987.

PRESENT ACTIVITY : PROCESS DESIGN AND DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

2630

DR M VAIRAMANI; (B. FEBRUARY 22, 1950),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADURAI '70; M.SC. CHEMISTRY - MADURAI '72; PH.D. ORGANIC MASS SPECTROMETRY - IIT, MADRAS '77.

SPECIALISATIONS : MASS SPECTROMETRY APPLIED TO ORGANIC CHEMISTRY; ORGANIC SYNTHESIS.

EXPERIENCE : DEMONSTRATOR, V.H.N.S.N. COLLEGE, VIRUDHUNAGAR, 1972-73; S.S.A., NCL, POONA, 1977-79; POST-DOCTORAL RESEARCH ON SYNTHESIS OF CHIRAL LABELLED COMPOUNDS AND CIRCULAR DICHROISM STUDIES, USA, 1979-82; SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1982-91; SCIENTIST EII, IICT, HYDERABAD SINCE APRIL, 1991.

PRESENT ACTIVITIES : MAINTENANCE AND OPERATION OF MASS SPECTROMETER; MASS SPECTRAL RESEARCH SUPERVISION; ADVANCED MASS SPECTRAL STUDIES.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 39.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, OPERATION - 9, MAINTENANCE - 9, TEACHING - 1.

2631

DR J S YADAV; (B. AUGUST 4, 1950),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - B.H.U. '70; M.SC. ORGANIC CHEMISTRY - B.H.U. '72; PH.D. NATURAL PRODUCTS - M.S., BARODA '76.

SPECIALIZATIONS : SYNTHESIS OF PHEROMONES; SYNTHESIS OF ANTIBIOTICS; DEVELOPMENT OF NEW SYNTHETIC METHODS AND REAGENTS.

EXPERIENCE : RESEARCH IN BASIC SCIENCES AT RICE UNIV., HOUSTON, U.S.A. AND AT THE UNIV. OF WISCONSIN, MADISON, U.S.A., 1977-80; SCIENTIST C, N.C.L., PUNE, 1981-86; SCIENTIST EI, IICT, HYDERABAD, 1986-90; SCIENTIST EII, IICT, HYDERABAD SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN AGROCHEMICALS AND DRUGS.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 80, TECH. REPORT - 6, SCIENTIFIC BOOKS - 2, ARTICLES - 3, PATENTS TAKEN - 3.

AWARDS & DISTINCTIONS : CHELIKANI ATCHUTA RAO MEMORIAL CASH AWARD, 1987; DR S HUSSAIN ZAHEER MEMORIAL YOUNG SCIENTIST AWARD, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APP. RES. - 15.

2632

SHRI G V YUGANDHAR; (B. DECEMBER 19, 1947),

SCIENTIST EII, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '65; B.E. MECHANICAL - OSMANIA '68: M.E. MECHANICAL (HEAT POWER ENGINEERING) - OSMANIA '71.

SPECIALIZATIONS : PROCESS EQUIPMENT DESIGN; PROCESS PLANT PIPING DESIGN AND LAYOUT; COMMISSIONING. OPERATION AND MAINTENANCE OF PROCESS PLANTS; SAFETY AUDIT; HAZARD AND RISK ANALYSIS OF PROCESS PLANTS; RELIABILITY STUDIES; COMPUTER AIDED ENGINEERING.

EXPERIENCE : LECTURER, S.P.COLLEGE OF ENGINEERING, BOMBAY, 1971-73; S.S.O.II, D.R.D.L., HYDERABAD, 1973-75; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, IICT, HYDERABAD, 1975-88; SCIENTIST EII, IICT, HYDERABAD SINCE JULY, 1988.

PRESENT ACTIVITIES : PILOT PLANT SCALE-UP; CONSULTANCY AND DESIGN FOR COMMERCIAL PLANTS; COMMISSIONING OF PROCESS PLANTS, COMPUTER AIDED ENGINEERING, PLANT SAFETY. SAFETY AUDITS. HAZARD AND RISK ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : MALAYASIA, GERMANY.

PUBLICATIONS & PATENTS : TECH. REPORTS - 16. PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 12, TECH. DEV. - 5, TEACHING - 2.

2633

SHRI S NISAR AHMED; (B. JUNE 7, 1947),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '72; M.TECH. CHEMICAL ENGINEERING (PLANT DESIGN) - OSMANIA '75.

SPECIALIZATIONS : PROCESS DESIGN; PROCESS HAZARD AND RISK ASSESSMENT.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS DESIGN AND ENGINEERING; PROCESS DEVELOPMENT; HAZARD ANALYSIS AND RISK ASSESSMENT; PLANT COMMISSIONING AND TROUBLE SHOOTING.

LANGUAGES : URDU, TELUGU, ENGLISH, ARABIC.

VISITED : SAUDI ARABIA, BANGLADESH.

PUBLICATIONS & PATENTS : BASIC DESIGN REPORTS - 13. HAZARD ANALYSIS REPORTS - 4, FEASIBILITY REPORTS - 2, PAPERS PUBLISHED - 2, PAPERS PRESENTED - 3, PAPER COMMUNICATED - 1. SCIENTIFIC BOOK - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROCESS SCALE-UP, PROCESS DESIGN AND ENGINEERING PROCESS HAZARD AND RISK ASSESSMENT, PLANT COMMISSIONING AND TROUBLESHOOTING - (TOTAL: 17 YEARS).

2634

SHRI SYED IQBAL AHMED; (B. JUNE 7, 1935),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '55.

SPECIALIZATIONS : TROUBLESHOOTING AND COMMISSIONING OF INDUSTRIAL PLANTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1956-89; TECHNICAL OFFIER (EI), IICT, HYDERABAD SINCE APRIL, 1989.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; TROUBLESHOOTING AND COMMISSIONING OF INDUSTRIAL PLANTS.

LANGUAGES : URDU, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT AND OPERATION - 24, PRODUCTION - 2.

2635

SHRI M A KHALEEL AKMAL; (B. JANUARY 17, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING AND OIL TECHNOLOGY - OSMANIA '60; AMIE MECHANICAL ENGINEERING - INSTITUTION OF ENGINEERS (INDIA) '80.

SPECIALIZATIONS : EXTRACTION OF TAR ACID FROM TAR OIL; COAL CARBONISATION; CHLORINATION OF TAR ACIDS AND COAL GASIFICATION; SCALE-UP IN CHEMICAL PLANTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1961-86; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D IN THE RECOVERY OF BY-PRODUCTS ON LOW TEMPERATURE CARBONISATION OF COAL; COAL GASIFICATION.

LANGUAGES : URDU, TELUGU, HINDI, ENGLISH.

VISITED : E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 4, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 3, DESIGN - 5, PILOT PLANT - 20, TESTING - 1.

2636

SHRI M MAHMOOD ALI; (B. JUNE 24, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '58; M.SC. PHYSICAL CHEMISTRY - OSMANIA '60.

SPECIALIZATIONS : INORGANIC CHEMICALS; COMPUTER AIDED PROCESS ANALYSIS AND SYNTHESIS; COMPUTER AIDED DRUG DESIGN AND PESTICIDE EVALUATION; COMPUTER PROGRAMMING; INDUSTRIAL CHEMICALS' PROPERTIES DATA BANK.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-85; SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1985.

PRESENT ACTIVITIES : COMPUTER-AIDED SIMULATION; OPTIMISATION AND CONTROL OF CHEMICAL PROCESSING SYSTEMS; COMPUTER-AIDED DRUG DESIGN AND PESTICIDE EVALUATION; COMPUTER APPLICATION IN CHEMISTRY; TEACHING COMPUTER PROGRAMMING LANGUAGES.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23.

2637

SHRI M ANANDAM; (B. SEPTEMBER 16, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL - OSMANIA '69.

SPECIALIZATIONS : CHEMICAL PROCESSING PLANTS DESIGN.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1976-83; SCIENTIST EI, IICT, HYDERABAD SINCE JULY, 1983.

PRESENT ACTIVITIES : MECHANICAL DESIGN FOR PROCESS PLANTS.

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH, GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 20.

2638

DR MIR ANEESUDDIN; (B. NOVEMBER 11, 1935),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '56; M.SC. GEOLOGY - OSMANIA '69; PH.D. GEOLOGY - OSMANIA '74.

SPECIALIZATIONS : MINERAL CHEMISTRY; INDUSTRIAL MINERALS; DIFFERENTIAL THERMAL ANALYSIS; CLAY MINERALOGY; THERMOGRAVIMETRIC ANALYSIS.

EXPERIENCE : J.T.A., O.N.G.C., 1958-59; SCIENCE TEACHER, ALL SAINTS' HIGH SCHOOL, HYDERABAD, 1959-60; WELFARE ORGANISER, LABOUR DEPARTMENT, GOVERNMENT OF ANDHRA PRADESH, 1960-64; S.L.A., J.S.A., S.S.A., SCIENTIST B, AND SCIENTIST C, IICT, HYDERABAD, 1964-88; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, PILOT PLANT - 3, TEACHING - 1.

2639

SHRI S M ASHRAF; (B. JUNE 8, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; A.I.C. CHEMISTRY OF OILS, FATS AND SOAPS - INSTITUTE OF CHEMISTS, CALCUTTA '66; A.M.I.I. CHEM. E.- INDIAN INSTITUTION OF CHEMICAL ENGINEERS '80; M.TECH. CHEM. ENGG. - OSMANIA '85.

SPECIALIZATIONS : OILS, FATS AND SOAPS; REACTION ENGINEERING KINETICS; PLANT DESIGN.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCILENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1961-90; SCIENTIST EI, IICT, HYDERABAD SINCE MAY, 1990.

PRESENT ACTIVITIES : RESEARCH IN THERMODYNAMICS.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PAPERS PRESENTED - 4, PAPERS COMMUNICATED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 17, PILOT PLANT - 17.

2640

SHRI A ATHAULLAH; (B. APRIL 5, 1936),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.E.E.

SPECIALIZATIONS : ELECTRICAL ENGINEERING.

EXPERIENCE : SCIENTIST C, IICT, HYDERABAD, 1981-88; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : INSTALLATION, TESTING AND MAINTENANCE OF ELECTRICAL SYSTEMS.

LANGUAGES : URDU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN, PILOT PLANT, OPERATION, TESTING AND MAINTENANCE.

2641

DR M HARI BABU; (B. MAY 27, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - OSMANIA '70; M.SC. ORGANIC CHEMISTRY - OSMANIA '73; PH.D. ORGANIC CHEMISTRY - OSMANIA '78.

SPECIALISATIONS : SYNTHETIC CARBOHYDRATE CHEMISTRY; CARBOHYDRATE-BASED VACCINES; PROCESS DEVELOPMENT FOR DRUG INTERMEDIATES.

EXPERIENCE : POST-DOCTORAL FELLOW, SWITZERLAND, 1979-85; SCIENTIST C, N.C.L., POONA, 1985-90; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1990.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH IN CARBOHYDRATES CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN, FRENCH.

VISITED : SWITZERLAND, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 40, PATENTS TAKEN - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 9, APPLIED RESEARCH - 5.

2642

DR R S BALAKRISHNA; (B. FEBRUARY 2, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '62; M.TECH. OILS & FATS - OSMANIA '63; PH.D. PAINTS AND VARNISHES - OSMANIA '74.

SPECIALIZATIONS : OILS AND FATS; PAINTS AND VARNISHES.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1963-85; SCIENTIST EI, IICT, HYDERABAD SINCE SEPTEMBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, PILOT PLANT - 16.

2643

MRS N BHANUMATHI; (B. JULY 4, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '61; M.SC. ORGANIC CHEMISTRY - KARNATAK '78.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1962-91; SCIENTIST EI, IICT, HYDERABAD SINCE DECEMBER, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 5, TECH. DEVELOPMENT - 3.

2644

DR(MRS) DEV KUMAR BHARTI; (B. SEPTEMBER 9, 1945),

MEDICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.B.B.S. - OSMANIA '69; D.G.O. - OSMANIA '73.

SPECIALIZATIONS : GYNAECOLOGY & OBSTETRICS; MICROBIOLOGY.

EXPERIENCE : LADY MEDICAL OFFICER AND LADY MEDICAL OFFICER (C), IICT, HYDERABAD, 1974-87; SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1987.

PRESENT ACTIVITIES : CLINICAL MANAGEMENT OF ROUTINE GENERAL PATIENTS AND GYNAECOLOGY & OB-

STETRICS CASES AND ADMINISTRATION OF THE DISPENSARY.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH.

VISITED : WEST INDIES.

PROFESSIONAL EXPERIENCE(IN YEARS) : MEDICAL PROFESSION - 16.

2645

DR TUSHAR KANTI CHAKRABORTY; (B. APRIL 10, 1957),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '76; M.SC. CHEMISTRY - I.I.T., KANPUR '79; PH.D. ORGANIC CHEMISTRY - I.I.T., KANPUR '84.

SPECIALIZATIONS : SYNTHESIS OF ORGANIC NATURAL PRODUCTS; ORGANO METALLICS; CARBOHYDRATE CHEMISTRY; PEPTIDE CHEMISTRY.

EXPERIENCE : POST DOCTORAL RESEARCH, UNIVERSITY OF PENNSYLVANIA, U.S.A., 1984-87; SCIENTIST C, IICT, HYDERABAD, 1987-91; SCIENTIST EI, IICT, HYDERABAD SINCE MAY, 1991.

PRESENT ACTIVITIES : RESEARCH IN ORGANIC SYNTHESIS; MACROCYTE SYNTHESIS.

VISITED : U.S.A.

PROFESSIONAL EXPERIENCE(IN YEARS) : RES. PAPERS - 29.

2646

DR(MRS) PRABHA R CHATTERJEE; (B. JUNE 1, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '69; M.SC. ANALYTICAL CHEMISTRY - KERALA '71; PH.D. POLYMER CHEMISTRY - I.I.SC., BANGALORE '75.

SPECIALIZATIONS : SYNTHETIC POLYMERS; BIOPOLYMERS; BIOCOMPATIBLE POLYMERS; BIODEGRADABLE PLASTICS.

EXPERIENCE : LECTURER, B.H.U., VARANASI, 1976-80; POST-DOCTORAL RESEARCH, STATE UNIVERSITY OF N.Y, U.S.A., 1980-83; R.A., IICT, HYDERABAD, 1983-85; ASSTT. PROFESSOR, B.H.U., VARANASI, 1985-87; SCIENTIST C, IICT, 1987-90; SCIENTIST EI, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, BENGALI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, TEACHING - 10.

2647

DR B M CHOUDARY; (B. AUGUST 10, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '67; M.SC. CHEMISTRY - VIKRAM '70; PH.D. INORGANIC CHEMISTRY - GUJARAT '81.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ORGANOMETALLIC CHEMISTRY; HOMOGENEOUS CATALYSIS.

EXPERIENCE : ASSISTANT LECTURER, KAKATIYA MEDICAL COLLEGE, WARANGAL, 1970-73; S.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-90; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D IN CATALYSIS AND INORGANIC CHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : U.S.S.R., HUNGARY, U.K., ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, PAPERS PRESENTED - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 3, BASIC RESEARCH - 18.

2648

DR V PRAKASH DIWAN; (B. MARCH 27, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. PHARMACOLOGY - KARNATAK '73; PH.D. PHARMACOLOGY - P.G.I.M.E.R., CHANDIGARH '81.

SPECIALIZATIONS : PHARMACOLOGY.

EXPERIENCE : LECTURER AND ASSTT. PROFESSOR, J.N. MEDICAL COLLEGE, 1974-82; SCIENTIST C, IICT, HYDERABAD, 1983-88; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : NEW DRUG DEVELOPMENT; TOXICOLOGY.

LANGUAGES : KANNADA, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, ARTICLES - 1, PATENTS TAKEN - 5.

AWARDS & DISTINCTIONS : DR S S MISRA MEMORIAL AWARD, NATIONAL ACADEMY OF MEDICAL SCIENCES, 1978; BEST PAPERS PRIZE, INDIAN PHARMACOLOGICAL SOCIETY, 1982, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, TESTING - 4, TEACHING - 9, PLANNING - 4.

2649

DR N V K DUTT; (B. MARCH 14, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '57; B.SC. (CHEM. ENGG.) - AGRA '63; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '67; M.ENGG. SCI. CHEMICAL ENGINEERING - MONASH UNIVERSITY, AUSTRALIA '71; PH.D. CHEM. ENGG. - OSMANIA '88.

SPECIALIZATIONS : RHEOLOGY (NON-NEWTONIAN FLUID FLOW); DETERMINATION AND ESTIMATION OF THERMOPHYSICAL PROPERTIES.

EXPERIENCE : CHEMICAL ENGINEER, THE BARIUM CHEMICALS LTD., KOTHAGUDEM, A.P., 1964-65; RESEARCH SCHOLAR, I.I.SC, BANGALORE, 1967-68; DEMONSTRATOR, MONASH UNIVERSITY, AUSTRALIA; TECHNICAL TEACHER, VICTORIAN EDUCATION DEPARTMENT, MELBOURNE, AUS-

TRALIA, 1972-73; POOL OFFICER (CSIR) AND SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-87; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1987.

PRESENT ACTIVITIES : DETERMINATION AND CORRELATIONS OF THERMOPHYSICAL AND THERMOCHEMICAL PROPERTIES.

LANGUAGES : TELUGU, SANSKRIT, HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, ARTICLES - 16, TECHNICAL REPORTS - 4.

AWARDS & DISTINCTIONS : CONTRIBUTED A CHAPTER TO HAND BOOK ON HEAT AND MASS TRANSFER, GULF PUBLISHING COMPANY, TEXAS, USA, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES - 23.

2650

SHRI SURESH FARSINAVIS; (B. NOVEMBER 24, 1940),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '63; M.TECH. OILS & FATS - OSMANIA '66.

SPECIALIZATIONS: BLEACHING EARTHS; ACTIVATED CARBON.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-85, SCIENTIST EI, IICT, HYDERABAD SINCE SEPTEMBER, 1985.

PRESENT ACTIVITIES : R & D IN CATALYSIS; DEVELOPMENT OF AMMONIA SYNTHESIS CATALYST.

LANGUAGES : MARATHI, HINDI, SANSKRIT, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, DESIGN - 1, PILOT PLANT - 10, PRODUCTION - 2.

2651

SHRI SUBHASH GANGAKHEDKAR; (B. FEBRUARY 12, 1942),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '62.

SPECIALIZATIONS : TECHNOLOGY TRANSFER; INDUSTRIAL LIAISON AND CONSULTANCY; PUBLIC RELATIONS.

EXPERIENCE : S.L.A., CURATOR, J.T.A., S.T.A., SCIENTIST B AND TECHNICAL OFFICER (C), IICT, HYDERABAD, 1964-91; TECHNICAL OFFICER (EI), IICT, HYDERABAD, SINCE APRIL, 1991.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER, INDUSTRIAL LIAISON AND CONSULTANCY.

LANGUAGES : MARATHI, HINDI, TELUGU, KANNADA, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 2. TECHNOLOGY TRANSFER AND INDUSTRIAL LIAISON - 16, EDITING - 2. PUBLIC RELATIONS - 6.

2652

SHRI B B GAWALI; (B. MAY 9, 1952),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - NAGPUR '74; M.SC. CHEMISTRY - NAGPUR '77.

SPECIALIZATIONS : PESTICIDE CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1978-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT (PESTICIDES).

LANGUAGES : MARATHI, HINDI, TELUGU, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESS DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 13.

2653

SHRI P GNANESHWAR; (B. AUGUST 14, 1944),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.E.E. ELECTRICAL ENGINEERING - GOVERNMENT POLYTECHNIC, HYDERABAD '65; B.TECH. ELECTRICAL ENGINEERING - J.N.T.U, HYDERABAD '79.

SPECIALIZATIONS : LOW TENSION POWER AND CONTROL SYSTEM; INSTRUMENTATION.

EXPERIENCE : DRAUGHTSMAN, HYDERABAD ASBESTOS CEMENT PRODUCTS, HYDERABAD, 1965-74; S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DESIGN AND DRAFTING OF LOW TENSION POWER AND CONTROL SYSTEM FOR CHEMICAL PLANTS; SOFTWARE DEVELOPMENT OF ELECTRICAL LINE DIAGRAMS FOR CHEMICAL PROCESS PLANTS; INSTRUMENTATION; DOCUMENTATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN. TECH. DEV., PLANNING AND INSTRUMENTATION (TOTAL 22 YEARS).

2654

DR M K GURJAR; (B. AUGUST 28, 1952),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - NAGPUR '72; M.SC. CHEMISTRY - NAGPUR '74; PH.D. CHEMISTRY - NAGPUR '77; PH.D. CHEMISTRY - LONDON '80.

SPECIALIZATIONS : SYNTHESIS OF NATURAL PRODUCTS; CARBOHYDRATE CHEMISTRY.

EXPERIENCE : POST DOCTORAL RESEARCH AT KINGS COLLEGE, LONDON, 1978-80 AND AT YORK UNIVERSITY, CANADA 1980-82; SCIENTIST B, N.C.L., PUNE, 1983-86; SCIENTIST C, IICT, HYDERABAD, 1986-89; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN CARBOHYDRATE CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY AND DEVELOPMENT OF INNOVATIVE TECHNOLOGIES FOR DRUGS AND DRUG INTERMEDIATES.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., CANADA, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 57, PATENTS TAKEN - 10.

AWARDS & DISTINCTIONS : CSIR YOUNG SCIENTIST AWARD, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15.

2655

SHRI S A HAMEED; (B. JUNE 29, 1944),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - OSMANIA '69; M.TECH. PLANT ENGINEERING AND MANAGEMENT - J.N.T.U., HYDERABAD '79; DRAWING EXAM GRADE I '60; ELEMENTARY GERMAN LANGUAGE '81.

SPECIALIZATIONS : CHEMICAL PLANT ENGINEERING; SAFETY ENGINEERING.

EXPERIENCE : SUPERVISOR, WATAN MECHANICAL & TUNING WORKS, 1970-71; TRAINEE, CENTRAL INSTITUTE OF DESIGN '71; ASSISTANT ENGINEER, NIZAM SUGAR FACTORY, SHAKARNAGAR, A.P., 1971-72; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-87; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : ERECTION, COMMISSIONING, OPERATION AND MAINTENANCE OF CHEMICAL PLANTS AND EQUIPMENT WITH SPECIAL REFERENCE TO SAFETY AND FIRE HAZARDS.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH, GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 2 FABRICATION - 2, PILOT PLANT - 10, OPERATION - 10, TESTING - 5, QLTY. CONTROL - 1, MAINTENANCE - 12, PRODUCTION - 9.

2656

SHRI B D HARKUT; (B. OCTOBER 12, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL - OSMANIA '73.

SPECIALIZATIONS : MECHANICAL DESIGN; PROCESS PLANT DESIGN AND LAYOUT.

EXPERIENCE : S.T.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DESIGN, ENGINEERING, COMMISSIONING AND OPERATION OF PROCESS PLANTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 5, PILOT PLANT - 2, CONSULTANCY - 7.

2657

DR S RIAZ HASHIM; (B. JULY 1, 1940),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - AGRA '59; M.SC. ORGANIC CHEMISTRY - A.M.U. '62; PH.D. CHEMISTRY - A.M.U. '69.

SPECIALIZATIONS : MEDICINAL CHEMISTRY; NON-STEROIDAL ANTI-INFLAMMATORY AGENTS; ORGANIC COMPOUNDS; PHARMACOLOGY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1963-86; SCIENTIST EI, IICT, HYDERABAD SINCE MARCH, 1986.

PRESENT ACTIVITIES : R & D IN MEDICINAL CHEMISTRY AND ORGANIC INTERMEDIATES.

LANGUAGES : URDU, HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2, PATENTS TAKEN - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 6, TECH. DEV. - 4.

2658

SHRI DHEERAJ KUMAR JAIN; (B. SEPTEMBER 15, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH.CHEMICAL ENGG. - OSMANIA '72; M.TECH. CHEMICAL ENGG. - OSMANIA '75.

SPECIALIZATIONS : CHEMICAL PLANT DESIGN; GAS-LIQUID SYSTEM REACTOR TECHNIQUES.

EXPERIENCE : TECHNICAL ENUMERATOR, DIRECTOR OF INDUSTRIES, HYDERABAD, 1974; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-90; (ALSO ADVANCED TRAINING IN GAS-LIQUID SYSTEM REACTOR TECHNIQUES, UNDER DAAD FELLOWSHIP, W.GERMANY, 1980-82); SCIENTIST EI, IICT, HYDERABAD SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : PROCESS DESIGN AND ENGINEERING; REACTOR DEVELOPMENT; PROCESS DEVELOPMENT; COMMISSIONING OF PLANTS; SAFETY STUDIES.

LANGUAGES : HINDI, TELUGU, MARATHI, ENGLISH, GERMAN.

VISITED : W. GERMANY, TURKEY.

PUBLICATIONS & PATENTS : TECH. REPORTS - 17, PAPERS PRESENTED - 3, PROCESSES DEVELOPED - 3, PAPERS PUBLISHED - 1.

2659

SHRI VIJAY KALE; (B. NOVEMBER 1, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '73; M.TECH. CHEMICAL ENGINEERING - OSMANIA '75.

SPECIALIZATIONS : PROCESS DEVELOPMENT FOR CASTOR OIL BASED CHEMICALS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND SCALE-UP IN THE FIELD OF OILS & FATS.

LANGUAGES : MARATHI, TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS FILED - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11, TESTING - 2.

2660

SHRI SHAIK KHAJAMASTHAN; (B. JULY 1, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '60; M.SC. CHEMISTRY - B.H.U. '62.

SPECIALIZATIONS : CATALYSTS AND CATALYTIC PROCESSES.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1962-89; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF CATALYSTS AND CATALYTIC PROCESSES; NONCONVENTIONAL AMMONIA SYNTHESIS CATALYSTS.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14, TESTING - 14, QLTY. CONTROL - 10.

2661

SHRI AHAMED KHAN; (B. JUNE 16, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '72; M.TECH. CHEMICAL ENGINEERING - IIT, MADRAS '74.

SPECIALIZATIONS : HYDRODYNAMICS AND MASS TRANSFER IN MULTIPHASE SYSTEMS; DESIGN OF PESTICIDES AND ORGANIC CHEMICAL PLANTS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : CHEMICAL PLANTS DESIGN; PROCESS DEVELOPMENT; BASIC RESEARCH IN MULTIPHASE SYSTEMS.

LANGUAGES : TELUGU, URDU, ENGLISH.

VISITED : W. GERMANY.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 10, PROCESS DEVELOPMENT - 3, BASIC RES. - 3.

2662

DR MOHD MUSTAFA ALI KHAN; (B. JUNE 2, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; M.SC. ZOOLOGY - OSMANIA '61; PH.D. ENTOMOLOGY - OSMANIA '69.

SPECIALIZATIONS : ENTOMOLOGY AND TOXICOLOGY; CONTROL OF INSECTS BY STERILE MALE RELEASE: TOXICOLOGY OF PESTICIDES TO NON-TARGET ANIMALS.

EXPERIENCE : J.R.F., IICT, HYDERABAD, 1962-66; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD 1966-88; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN TOXICOLOGY OF PESTICIDES; DEVELOPMENT OF NEW PESTICIDES.

LANGUAGES : URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, CONSULTANCY - 3, TESTING - 5.

2663

DR L N KOTA; (B. OCTOBER 9, 1944),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '62; B.TECH. CHEMICAL ENGINEERING - ANDHRA'67; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '79; PH.D. COAL - NEWCASTLE UNIVERSITY, AUSTRALIA '84.

SPECIALIZATIONS : PROCESS DEVELOPMENT; COAL CARBONISATION AND GASIFICATION; CHEMICAL ENGINEERING; BIOMASS GASIFICATION.

EXPERIENCE : CHEMICAL ENGINEER, VENKATESWARA PULVERIZING MILLS (P) LTD.,MADRAS, 1967; CHEMICAL ENGINEER, ASHOK CHEMICAL INDUSTRIES, CALCUTTA, 1967-68; J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1968-87; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : APPLIED RESEARCH IN COAL CARBONISATION AND GASIFICATION, GASIFICATION OF BIOMASS.

LANGUAGES : TELEGU, SANSKRIT, HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 2, PROCESS DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22.

2664

SHRI D KRISHNA; (B. FEBRUARY 3, 1953),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. STATISTICS - OSMANIA '74; INTENSIVE COURSE ON COMPUTER PROGRAMMING - I.S.I., CALCUTTA '74; INTENSIVE WORKSHOP ON DATA BASE MANAGEMENT SYSTEMS, C.M.C., MADRAS '85; C LANGUAGE COURSE - C.S.I., '89.

SPECIALIZATIONS : APPLICATION SOFTWARE DEVELOPMENT; SYSTEMS ANALYSIS; DATA BANK MANAGEMENT SYSTEMS; DATA PROCESSING; COMPUTER GRAPHICS.

EXPERIENCE : SCIENTIFIC ASSTT., COMMITTEE ON SCIENCE & TECHNOLOGY IN DEVELOPING COUNTRIES, (COSTED), IISC CAMPUS. BANGALORE, 1975-76; J.T.A. AND S.T.A., N.G.R.I., HYDERABAD. 1977-81; SYSTEM ANALYST, DUETRON CASTINGS LTD., HYDERABAD, 1981-82; SCIENTIST B AND SCIENTIST C. IICT, HYDERABAD. 1983-91; SCIENTIST EI. IICT, HYDERABAD SINCE JANUARY. 1991.

PRESENT ACTIVITIES : COMPUTER PROCESSING; R & D WORK IN STATISTICAL MODELLING. PATTERN RECOGNITION AND EXPERT SYSTEMS.

LANGUAGES : TELUGU. HINDI, SANSKRIT. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2. TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, R & D MANAGEMENT - 2, TEACHING - 4, TECHNO-ECONOMIC SURVEYS - 1, DOCUMENTATION - 2. COMPUTER PROCESSING - 8.

2665

SHRI G SAMPATH KUMAR; (B. NOVEMBER 1, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '70; M.TECH. CHEMICAL PLANT ENGINEERING - OSMANIA '78; P.G.DIPLOMA IN BUSINESS ADMINISTRATION - ST. JOSEPH COLLEGE OF BUSINESS ADMINISTRATION, BANGALORE'83.

SPECIALIZATIONS : CHEMICAL PLANT ENGINEERING; FILTERATION ENGINEERING; R & D MANAGEMENT; TECHNOLOGY TRANSFER; TECHNICAL AND INDUSTRIAL LIAISON.

EXPERIENCE : CHEMICAL ENGINEER, I.D.P.L., HYDERABAD, 1974; CHEMICAL ENGINEER, N.I.S.I.E.T. INSTITUTE CONSULTANCY CELL, HYDERABAD, 1974-76; SCIENTIST B, C.M.E.R.I., DURGAPUR, 1976-81; SCIENTIST C, C.S.I.R - POLYTECHNOLOGY TRANSFER CENTRE, BANGALORE, 1981-84; SCIENTIST C, IICT, HYDERABAD. 1984-87; SCIENTIST EI, IICT, HYDERABAD SINCE OCTOBER, 1987.

PRESENT ACTIVITIES : R & D MANAGEMENT & TECHNOLOGY TRANSFER.

LANGUAGES : TELUGU, HINDI, BENGALI. KANNADA. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5. TECH. REPORTS - 9. ARTICLES - 4. PATENTS FILED - 4. PRODUCTS DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. AND DESIGN - 5, CONSUTANCY - 2. R & D MANAGEMENT - 6. TECHNOLOGY TRANSFER - 9.

2666

SHRI PREM K KUMAR; (B. FEBRUARY 10, 1946.),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. ELECTRONICS & COMMUNICATION ENGINEERING - OSMANIA '72.

SPECIALIZATIONS : ELECTRONICS AND COMMUNICATION ENGINEERING; INSTRUMENTATION.

EXPERIENCE : S.S.A., D.L.R.L., HYDERABAD, 1974-77; SCIENTIST B. N.P.L., NEW DELHI 1977-83; SCIENTIST B AND SCIENTIST C. IICT, HYDERABAD, 1983-88; (ALSO VISITED JAPAN FOR TRAINING ON MAINTENANCE OF ELECTRON MICROSCOPE, 1985); SCIENTIST EI, IICT, HYDERABAD SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : INSTRUMENTATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : JAPAN.

AWARDS & DISTINCTIONS : DR KRISHNAN AWARD FOR DEVELOPMENT AND MAINTENANCE OF MICROWAVE STANDARDS, NPL, NEW DELHI, 1979.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, DESIGN - 3, TESTING - 6, QUALITY CONTROL - 6, MAINTENANCE - 4. COMPUTER PROCESSING - 3.

2667

SHRI B MADHUSUDAN; (B. JUNE 28, 1956),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '78; M.TECH. PETROLEUM REFINERY ENGG. & PETRO-CHEMICALS - I.I.T., KHARAGPUR '80;

SPECIALIZATIONS : PETROCHEMICALS AND PETROLEUM REFINERY ENGINEERING; COAL GASIFICATION; POWER GENERATION.

EXPERIENCE : GRADUATE ENGINEER TRAINEE, I.O.C. LTD., GAUHATI, 1981-82; ALSO P.G. TRAINING COURSE IN REFINING TECHNOLOGY, I.I.P., DEHRADUN '82; SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1983-92; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : MAINTENANCE; OPERATION OF PILOT PLANT; COLLECTION AND EVALUATION OF DATA FOR PROCESS DESIGN AND DEVELOPMENT; OPTIMIZATION AND SCALE-UP OF PROCESSES FOR ORGANIC INTERMEDIATES, DRUGS AND PHARMACEUTICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECHNICAL REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 11, PILOT PLANT - 8, OPERATION - - 8, MAINTENANCE - 8.

2668

DR V MADHUSUDHAN; (B. DECEMBER 14, 1938),

SCIENTIST EI. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '64; M.TECH. CHEMICAL ENGINEERING - OSMANIA '77; PH.D. CHEMICAL ENGINEERING - OSMANIA '85.

SPECIALIZATIONS : SURFACE COATINGS.

EXPERIENCE : J.S.A., S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD. 1965-91; SCIENTIST EI. IICT. HYDERABAD SINCE FEBRUARY. 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI. URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13. PROCESSES DEVELOPED - 11, PROCESSES UNDER UTILISATION - 9, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 26, DESIGN - 2, PILOT PLANT - 15, TESTING - 2, PRODUCTION - 1, TEACHING - 2, PLANNING - 5, ERACTION - 1.

2669

DR V N MULAY; (B. APRIL 20, 1940),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - POONA '60; B.SC. (HONS) CHEMISTRY - POONA '62; M.SC. PHYSICAL CHEMISTRY - POONA '63; PH.D. CHEMISTRY - POONA '69.

SPECIALIZATIONS : MICROWAVE FERRITES; ELECTRONIC CERAMICS; HIGH TEMPERATURE CERAMIC MATERIALS; SUPERCONDUCTIVITY.

EXPERIENCE : RESEARCH FELLOW, N.C.L., PUNE, 1963-66; CHEMIST, TEMPO INDUSTRIAL CORPORATION, BOMBAY 1966; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1966-87; (ALSO ATTENDED 11TH INTERNATIONAL SEMINAR, UNDER DAAD EXCHANGE PROGRAMME, ON PHYSICAL CHEMISTRY AND CHEMICAL ENGINEERING, UNIVERSITY OF KARLSRUHE, W.GERMANY, 1975-76); SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : R & D IN CERAMICS AND HIGH TEMPERATURE CERAMIC MATERIALS FOR ENGINEERING AND STRUCTURAL APPLICATIONS; HIGH TC SUPERCONDUCTORS AND ELECTRONIC CERAMIC MATERIALS.

LANGUAGES : MARATHI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS PUBLISHED AND PRESENTED IN CONFERENCES - 34.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 24.

2670

DR B S N MURTY; (B. MAY 16, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA'70; M.SC. APPLIED MATHEMATICS - OSMANIA'73; PH.D. MATHEMATICS - J.N.T.U., HYDERABAD'87.

SPECIALIZATIONS : NONLINEAR OPTIMISATION SYSTEMS ANALYSIS AND DATA PROCESSING.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1976-89; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COMPUTER AIDED R & D; APPLICATION SOFTWARE DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13, TEACHING - 7, COMPUTER PROCESSING - 13.

2671

DR C V S MURTY; (B. MAY 30, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - J.N.T. UNIVERSITY '71; M.E. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '73; PH.D. MECHENICAL ENGINEERING - I.I.T., MADRAS '87.

SPECIALIZATIONS : CHEMICAL ENGINEERING EQUIPMENT DESIGN; MODELLING AND SIMULATION OF PROCESS EQUIPMENT; DESIGN OF FIRED HEATERS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-87; (ALSO ADVANCED TRAINING IN COMBUSTION ENGINEERING, UNDER DAAD PROGRAMME, W. GERMANY, 1977-79); SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1987.

PRESENT ACTIVITIES : DESIGN OF CHEMICAL ENGINEERING EQUIPMENT; MODELLING AND SIMULATION OF PROCESS EQUIPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 8, CONSULTANCY - 2, MODELLING & SIMULISATION - 6.

2672

SHRI M R K MURTY; (B. JULY 1, 1947),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.E.E. ELECTRICAL ENGG. - STATE BOARD OF TECHNICAL EDUCATIONAL TRAINING, AP '67; A.M.I.E. ELECTRICAL ENGG. - INSTITUTE OF ENGINEERS '76.

SPECIALISATIONS : POWER SYSTEMS; MANAGEMENT SCIENCE.

EXPERIENCE : SUPERVISOR, M/S BALAJI CONSTRUCTION COMPANY, MADRAS, 1967-68; GRADUATE APPRENTICE, CENTRAL LEATHER RESEARCH INST., MADRAS, 1969-70; SUPERVISOR (ELEC), UNILAM(P) LTD., 1972-73; TECH. ASST.(ELEC), A.P. TANNERIES LTD., 1976-77; TECHNICIAN (ELEC), HINDUSTAN PHOTO FILMS MFG LTD., 1978-79; S.T.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1979-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

2673

DR(MRS) NEELAKANTAN PARVATI; (B. JULY 6, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS) CHEMISTRY - BOMBAY '62; M.SC. ORGANIC CHEMISTRY - BOMBAY '68; PH.D. ORGANIC CHEMISTRY - BOMBAY '75.

SPECIALIZATIONS : SYNTHESIS OF HETEROCYCLIC COMPOUNDS; PESTICIDES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C. IICT, HYDERABAD, 1963-89; SCIENTIST EI, IICT, HYDERABAD SINCE JULY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, TAMIL, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 10, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 15, PILOT PLANT - 6, CONSULTANCY - 2, QLTY. CONTROL - 8.

2674

SHRI K S PATIL; (B. AUGUST 20, 1941),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - NAGPUR '63; M.TECH. CHEMICAL REACTION ENGINEERING - OSMANIA '83.

SPECIALIZATIONS : ACTIVATED CARBON; CATALYSTS; KINETIC STUDIES.

EXPERIENCE : RESEARCH CHEMIST (NRDC), J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, AND SCIENTIST C, IICT, HYDERABAD, 1963-88; SCIENTIST EI, IICT, HYDERABAD SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 2, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, PILOT PLANT - 6, PRODUCTION - 3.

2675

DR AKASH N PATWARI; (B. JUNE 17, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '72; M.TECH. CHEMICAL ENGINEERING - OSMANIA '75; DR. RER. NAT. CHEMICAL ENGINEERING - UNIVERSITY OF OLDENBURG, WEST GERMANY, '83.

SPECIALIZATIONS : PILOT PLANT DESIGN; PROCESS DEVELOPMENT AND BASIC WORK IN MULTIPHASE REACTORS.

EXPERIENCE : ENGINEER, M/S XL EQUIPMENTS PVT. LTD., HYDERABAD, 1974; ENGINEER, M/S PARAKEM SERVICE LABORATORY, HYDERABAD, 1975; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1975-88; (ALSO DAAD FELLOW, OLDENBURG UNIVERSITY, WEST GERMANY, 1981-83); SCIENTIST EI, IICT, HYDERABAD SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT, KINETICS STUDIES, TRANSPORT PROCESSES IN MULTIPHASE REACTORS AND COMMISSIONING OF COMMERCIAL PLANTS.

LANGUAGES : MARATHI, HINDI, TELUGU, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PAPERS PRESENTED IN SYMPOSIA - 6, ARTICLES - 1, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 5, PILOT PLANT - 5, CONSTRUCTION - 1.

2676

SHRI M MANIK PRABHU; (B. JUNE 10, 1937),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '69; DIPLOMA IN RADIO SERVICING - BHARAT RADIO TECHNOLOGICAL INSTITUTE '57; M.I.E.T.E. - NEW DELHI '87.

SPECIALIZATIONS : MAINTENANCE AND SERVICE OF SCIENTIFIC INSTRUMENTS USED IN CHEMICAL ANALYSIS.

EXPERIENCE : LABORATORY ASSISTANT, NATIONAL INSTITUTE OF NUTRITION, HYDERABAD, 1960-64; S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-90; (ALSO TRAINING IN MAINTENANCE AND SERVICE OF ANALYTICAL INSTRUMENTS, CANADA AND JAPAN, 1980); TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : MAINTENANCE AND SERVICE OF ANALYTICAL INSTRUMENTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : CANADA, JAPAN, U.S.A., THAILAND.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 4, MAINTENANCE - 26.

2677

SHRI K V L N PRAKASH; (B. MAY 31, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '73.

SPECIALIZATIONS : PROCESS DEVELOPMENT; SEPARATION PROCESSES.

EXPERIENCE : APPRENTICE, CIBA-GEIGY, GOA AND CHEMICAL ENGINEER, HYDERABAD CHEMICAL SUPPLIES, 1975-78; J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1978-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN COAL CONVERSION PROCESSES AND PROCESS DEVELOPMENT RELATED TO CARBON MONOXIDE BASED CHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. AND DESIGN - 9, INDUSTRIAL - 3.

2678

DR A SIVA PRASAD; (B. JULY 12, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '71; M.SC. ORGANIC CHEMISTRY - GUJARAT '73; PH.D. CHEMISTRY - DIBRUGARH '86.

SPECIALIZATIONS : ORGANIC CHEMISTRY; DRUGS AND PESTICIDES; HETEROCYCLIC SYNTHESIS.

EXPERIENCE : PRODUCTION CHEMIST, RANBAXY LAB., CHANDIGARH, 1973-75; S.S.A. AND SCIENTIST B, RRL, JORHAT, 1976-84; SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1984-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT AND STUDIES ON ALTERNATIVES TO CFC'S

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 2, PROCESS DEVELOPED - 3, PROCESS UNDER UTILISATION - 1, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., DESIGN, TECHNICAL DEV., PILOT PLANT AND CONSULTANCY - (TOTAL : 14 YEARS).

2679

DR D H L PRASAD; (B. MAY 12, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '67; M.SC. (ENGG.) CHEMICAL ENGINEERING - I.I.SC., BANGALORE '71; PH.D. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '78.

SPECIALIZATIONS : THERMOPHYSICAL PROPERTIES

EXPERIENCE : SCIENTIST C, IICT, 1980-86; SCIENTIST EI, I.I.C.T., SINCE SEPTEMBER 1986.

PRESENT ACTIVITIES : RESEARCH ON THERMOPHYSICAL PROPERTIES.

LANGUAGES : TELUGU, KANNADA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECH. REPORTS - 14, ARTICLES - 17.

AWARDS & DISTINCTIONS : CO-CHAIRMAN, 35TH & 39TH ANNUAL SESSIONS ON THERMODYNAMICS, IICHEM E, 1983, 1986; MEMBER, AICHE JOURNAL REVIEW BOARD, 1981 REVIEWER, INDIAN JOURNAL OF TECHNOLOGY, IICHEM E.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. & APP. RES. - 23.

2680

DR K B S PRASAD; (B. SEPTEMBER 3, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '67; M.TECH. CHEMICAL REACTOR ENGINEERING - I.I.T., KANPUR '76; PH.D. CHEMICAL ENGINEERING - I.I.T., MADRAS '86.

SPECIALIZATIONS : MODELLING, SIMULATION AND OPTIMISATION OF COAL & CHEMICAL PROCESSING SYSTEMS.

EXPERIENCE : J.R.F., CECRI, KARAIKUDI, 1968-69; S.S.A. AND SCIENTIST A, NCL, POONA, 1969-76; SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1976-86; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1986.

PRESENT ACTIVITIES : COAL DEVOLATILIZATION; CHAR PARTICLE GASIFICATION; GASIFIER MODELLING; CATALYST DEACTIVATION.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. AND SCALE-UP - 8, COMPUTER SIMULATION - 7.

2681

SHRI K HARI HARA PRASAD; (B. FEBRUARY 5, 1944),

DOCUMENTATION OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '63; ASSOCIATESHIP IN DOCUMENTATION AND REPROGRAPHY - I.N.S.D.O.C., NEW DELHI '65.

SPECIALIZATIONS : LIBRARY AND DOCUMENTATION; PATENT INFORMATION.

EXPERIENCE : J.L.A. AND S.L.A., IICT, HYDERABAD, 1963-67; SENIOR LIBRARIAN AND S.T.A., CSIO, 1967-73; JUNIOR DOCUMENTATION OFFICER, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-88; SCIENTIST EI, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : PATENT INFORMATION; LIBRARY AND DOCUMENTATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 1, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : LIBRARY, DOCUMENTATION AND INFORMATION - 25.

2682

DR P S SAI PRASAD; (B. JULY 1, 1953),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC - ANDHRA '74; A.M.I.I.CHEM. ENGG. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '80; M.TECH. CHEMICAL PLANT ENGINEERING - KAKATIYA '84; PH.D. - I.I.T., MADRAS '93.

SPECIALIZATIONS : CHEMICAL ENGINEERING; CATALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-92; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D IN CHEMICAL REACTION ENGINEERING; SIMULATION AND SETTING UP OF PILOT PLANT SCALE REACTORS; CATALYST DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.S.R., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19.

2683

DR R B N PRASAD; (B. AUGUST 9, 1953),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '74; M.SC. CHEMISTRY - OSMANIA '76; PH.D. CHEMISTRY - OSMANIA '85; PROFICIENCY CERTIFICATE IN GERMAN - CENTRAL INSTITUTE OF ENGLISH AND FOREIGN LANGUAGES '79.

SPECIALIZATIONS : OILS AND FATS.

EXPERIENCE : J.R.F., S.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1976-91; (ALSO POST DOCTORAL

FELLOW. WORKED ON PLANT SURFACE WAXES AT BOTANISCHES INSTITUTE UNIVERSITAT KOLN, FEDERAL REPUBLIC OF GERMANY, 1988-89); SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN OILS AND FATS & DRUG INTERMEDIATES.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 8.

2684

SHRI T E VITTAL PRASAD; (B. JULY 6, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '71; M.TECH. CHEM. ENGG. - OSMANIA '88.

SPECIALIZATIONS : HEAT TRANSFER; THERMODYNAMICS.

EXPERIENCE : CHARGEMAN GR. I (DESIGN), IDPL, HYDERABAD, 1971-77; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : MEASUREMENT, EVALUATION AND DETERMINATION OF PHYSICAL, TRANSPORT AND THERMODYNAMIC PROPERTIES OF FLUIDS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14, DESIGN - 6, PILOT PLANT - 4.

2685

SHRI K S RAGHUNANDANAN; (B. JUNE 14, 1951),

SCIENTIST EI,INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '72; A.M.I.I. CHEMICAL ENGG. - INDIAN INSTITUTE OF CHEMICAL ENGINEERING '80.

SPECIALIZATIONS : MODELLING AND SIMULATION OF CHEMICAL PROCESSES.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS MODELLING, SIMULATION AND CONTROL.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, DESIGN - 2.

2686

DR A N EHSANUR RAHMAN; (B. JUNE 6, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '64; M.TECH. CHEMICAL ENGINEERING - OSMANIA '67.

SPECIALIZATIONS : COAL TECHNOLOGY - BRIQUETTING; IMPREGNATING PITCH

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1967-86; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1986.

PRESENT ACTIVITIES : R & D ON PROCESS DEVELOPMENT OF IMPREGNATING PITCH.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 1, ARTICLES - 9, RADIO TALK ON POPULAR SCIENCE IN URDU - 20, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : A I I E AWARD FOR INVENTION OF DOMESTIC OVEN SIGREE, 1972; D SC (HONORARY) - LONDON INSTITUTE FOR APPLIED RESEARCH, LONDON, 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. & TECH. DEV. - 22, DESIGN - 1.

2687

MRS SUHASINI RAMACHANDRAN; (B. MARCH 18, 1945),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '66; M.SC. STATISTICS - OSMANIA '74; DIPLOMA IN FRENCH LANGUAGE.

SPECIALIZATIONS : OPERATIONAL RESEARCH; INFORMATION SYSTEMS.

EXPERIENCE : J.L.A., S.L.A. AND J.S.A., R.R.L., HYDERABAD, 1967-76; S.T.A. AND SCIENTIST B AND SCIENTIST C , C.S.I.R., 1976-89; SCIENTIST EI, I.I.C.T. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF INFORMATION SYSTEMS FOR R & D ORGANISATION; TECHNOLOGY TRANSFER; PUBLICATION.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH, FRENCH.

VISITED : U.S.A., U.K., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS/DOCUMENTS - 4, TECHNO-ECONOMIC REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TEACHING - 1, EDITING - 4, DOCUMENTATION - 11, COMPUTER PROCESSING - 9.

2688

DR M SUNDARA RAMAIAH; (B. MAY 23, 1943),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANDHRA '62; M.SC. ORGANIC CHEMISTRY - ANDHRA '63; M.SC. (TECH.) PAINTS AND VARNISHES - AGRA '65; PH.D. CHEMICAL TECHNOLOGY - ANDHRA '79; DIPLOMA IN GERMAN - GOETHE INSTITUTE, MUNCHEN, W. GERMANY '74.

SPECIALIZATIONS : PAINTS, VARNISHES, RESINS, ORGANIC COATINGS AND POLYMERS.

EXPERIENCE : PAINT TECHNOLOGIST, SODHAN PAINTS, HYDERABAD, 1965-66; S.S.A., SCIENTIST A, SCIENTIST B AND

SCIENTIST C, IICT, HYDERABAD, 1966-87; (ALSO ADVANCED TRAINING IN TECHNOLOGY OF POLYMERS, UNDER DAAD EXCHANGE PROGRAMME W.GERMANY, 1974-76); SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D ON PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, THE NETHERLANDS, U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 3, PATENTS TAKEN - 1, PATENTS FIELD - 1, PROCESSES DEVELOPED - 11, PROCESSES UNDER UTILISATION - 9.

AWARDS & DISTINCTIONS : DR S HUSSAIN ZAHEER MEMORIAL AWARD, 1981; BEST INVENTION AWARD, ALL INDIA INDUSTRIAL EXHIBITION, HYDERABAD, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 25, PILOT PLANT - 14, DESIGN - 1, PRODUCTION - 2, INDL. MANAGEMENT - 1, R & D MANGEMENT - 10, TEACHING - 1, PLANNING - 10, CONSULTANCY SERVICE TO INDUSTRY - 1.

2689

DR M RAMAKRISHNA; (B. JUNE 27, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '67; M.E. CHEMICAL PROCESS & PLANT DESIGN - I.I.SC., BANGALORE '69; PH.D. CHEMICAL KINETICS - I.I.T., KANPUR '77.

SPECIALIZATIONS : COMPUTER AIDED DESIGN AND SIMULATION OF CHEMICAL PROCESSES; THERMODYNAMICS.

EXPERIENCE : SENIOR RESEARCH ASSISTANT AND RESEARCH ENGINEER, IIT, KANPUR, 1976-78; RESEARCH ASSOCIATE AND SCIENTIST C, IICT, HYDERABAD, 1978-86; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1986.

PRESENT ACTIVITIES : R & D IN CHEMICAL ENGINEERING.

LANGUAGES : TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 12, DESIGN - 3, TECH. DEV. - 3, R & D MGMT. - 4, TEACHING - 2.

2690

SHRI P RAMAKRISHNIAH; (B. NOVEMBER 16, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING AND OIL TECHNOLOGY - OSMANIA '62; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '72.

SPECIALIZATIONS : OIL TECHNOLOGY AND OILSEED PROCESSING; TECHNOLOGY OF ORGANIC INTERMEDIATES; PETROCHEMICALS AND PETROLEUM REFINERY ENGINEERING.

EXPERIENCE : J.S.A., S.S.A., SIENTIST A, SCINTIST B AND SCIENTIST C, IICT, HYDERABAD, 1962-86; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, PILOT PLANT - 2.

2691

SHRI K V RAMANAYYA; (B. MAY 20, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '73; M.E. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '75.

SPECIALIZATIONS : HEAT EXCHANGER DESIGN; FORTRAN IV COMPUTER PROGRAMMING.

EXPERIENCE : ENGINEER TRAINEE, CALTEX OIL REFINERY (INDIA) LTD., VISHAKAPATNAM, A.P., 1976-77; PROJECT ASSISTANT, I.I.SC., BANGALORE, 1977-79; SHIFT-IN-CHARGE IN A PRIVATE INDUSTRY, HYDERABAD, 1979-80; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1980-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN; HAZARD ANALYSIS AND RISK ASSESSMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, DESIGN - 6, PILOT PLANT - 1, OPERATION - 2, HAZARD ANALYSIS AND RISK ASSESSMENT - 4.

2692

SHRI A SUDHAKAR RAO; (B. NOVEMBER 24, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.TECH. CHEMICAL PLANT ENGINEERING - J.N.T.U., HYDERABAD '76.

SPECIALIZATIONS : CHEMICAL PLANT ENGINEERING; CHEMICAL REACTION ENGINEERING.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1977-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; BASIC RESEARCH; APPLIED RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 5, DESIGN - 3, PILOT PLANT - 3, TESTING - 1, MAINTENANCE - 1.

2693

DR ADAPA SRINIVASA RAO; (B. DECEMBER 9, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '69; M.SC. ORGANIC CHEMISTRY - VIKRAM '71; PH.D. ORGANIC CHEMISTRY - GUJARAT '76.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY; NATURAL PRODUCTS CHEMISTRY; ORGANOMETALLIC CHEMISTRY.

EXPERIENCE : RESEARCH FELLOW AND S.S.A., IICT, HYDERABAD. 1972-77; POST DOCTORAL RESEARCH, SWITZERLAND. 1980-81; RESEARCH ASSOCIATE AND SCIENTIST C, IICT, HYDERABAD, 1982-84; SCIENTIST EI, IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : U.S.A., SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 20. PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10. APPLIED RESEARCH - 7.

2694

SHRI D MADHUSUDAN RAO; (B. OCTOBER 10, 1941),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING AND OIL TECHNOLOGY - OSMANIA '63; M.B.A. BUSINESS MANAGEMENT - OSMANIA '76.

SPECIALIZATIONS : EDIBLE OILSEEDS; MANAGEMENT.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1963-85: SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1985.

PRESENT ACTIVITIES : R & D IN OILS AND OILSEEDS; PILOT PLANT SCALE-UP.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 3, POPULAR SCIENCE BOOKS - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, PILOT PLANT - 22, CONSULTANCY - 8, CONSTRUCTION - 1, OPERATION - 18, MAINTENANCE AND PRODUCTION - 18, SURVEY OF NATURAL RESOURCES - 1, TECHNO-ECONOMIC SURVEYS - 3, PLANNING - 9, TECHNOLOGY TRANSFER - 3, ADMN. - 11.

2695

DR G RAMA RAO; (B. AUGUST 4, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - I.I.T., KANPUR '68; PH.D. CHEMISTRY - I.I.T., KANPUR '74.

SPECIALIZATIONS : MATERIALS SCIENCE; SOLID STATE CHEMISTRY; ELECTRONIC AND HIGH TEMPERATURE CERAMICS.

EXPERIENCE : DEMONSTRATOR, V.R.COLLEGE, NELLORE, A.P., 1963-66: RESEARCH FELLOW AND POST-DOCTORAL FELLOW, IIT, KANPUR, 1968-75; POST-DOCTORAL RESEARCH ASSOCIATE, UNIVERSITY OF FLORIDA, USA, 1975-79; RESEARCH ASSOCIATE, R.R.L., TRIVANDRUM, 1980-81: SCIENTIST, KELTRON, TRIVANDRUM, 1981-82; SCIENTIST C, IICT, HYDERABAD 1982-88; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 11. TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7. APP. RES. - 7. R&D MGMT. - 7. TEACHING - 3.

2696

SHRI I BALKISHAN RAO; (B. SEPTEMBER 3, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '76: M.TECH. CHEMICAL ENGINEERING - OSMANIA '79.

SPECIALIZATIONS : CHEMICAL ENGINEERING; PLANT DESIGN AND SEPARATION PROCESSES.

EXPERIENCE : S.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1979-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN COAL CONVERSION PROCESSES: PROCESS DEVELOPMENT STUDIES ON COAL BASED CHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. AND DESIGN - 11.

2697

DR K BABU RAO; (B. JULY 3, 1947),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '69; M.TECH. CHEMICAL PLANT ENGINEERING - OSMANIA '72; PH.D. - I.I.T., MADRAS '90.

SPECIALIZATIONS : CHEMICAL ENGINEERING; CHEMICAL PLANT DESIGN.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-86; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1986.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING OF CHEMICAL PLANTS, PROCESS DEVELOPMENT AND CHEMICAL PROCESS SIMULATION.

LANGUAGES : ENGLISH, TELUGU.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17.

2698

DR K BALAKRISHNA RAO; (B. AUGUST 29, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS TECH) CHEMICAL ENGINEERING - ANDHRA '59; M.SC. (TECH) CHEMICAL ENGINEERING - ANDHRA '60; PH.D. CHEMICAL ENGINEERING (HEAT TRANSFER) - ANDHRA '72.

SPECIALIZATIONS : HEAT TRANSFER; PROCESS DESIGN; PROJECT FEASIBILITIES AND APPRAISALS.

EXPERIENCE : J.S.A., NATIONAL TEST HOUSE, 1961-62; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1962-82; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1982.

PRESENT ACTIVITIES : PROCESS PLANT DESIGN AND DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 12, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 5, DESIGN - 10, CONSULTANCY - 2, TESTING - 2, TECHNO-ECONOMIC SURVEYS - 2.

2699

SHRI K RAJESHWAR RAO; (B. NOVEMBER 23, 1952),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '76; M.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '78.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1979-86; (ALSO DAAD FELLOWSHIP AT TU BRAUNSCHWEIG, W.GERMANY, 1984-86); SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING OF CHEMICAL PLANTS; SIMULATION & OPTIMIZATION; MEMBRANE REACTORS.

LANGUAGES : ENGLISH, TELUGU, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN AND PILOT PLANT - 8.

2700

DR K RAMA RAO; (B. DECEMBER 23, 1949),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '69; M.SC. ORGANIC CHEMISTRY - OSMANIA '72; PH.D. SYNTHETIC ORGANIC CHEMISTRY - OSMANIA '77.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; DRUGS SYNTHESIS.

EXPERIENCE : S.S.A., IICT, HYDERABAD, 1977-78; CHEMIST, CIBA-GEIGY RESEARCH CENTRE BOMBAY, 1978-80; POSTDOCTORAL FELLOW, INSTITUTE FOR ORGANISCHECHEMIE, BASEL, SWITZERLAND, 1980-81; POSTDOCTORAL FELLOW, LABORATORIUM FUR ORGANISCHECHEMIE, ZURICH, SWITZERLAND, 1981-82; RESEARCH ASSOCIATE AND SCIENTIST C, IICT, HYDERABAD, 1982-89; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN BIOORGANIC CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH, GERMAN.

VISITED : SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, PATENTS TAKEN - 2, TECH. REPORTS - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APPLIED RESEARCH - 18.

2701

SHRI M GOVIND RAO; (B. JUNE 14, 1935),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '58; B.TECH. CHEMICAL ENGINEERING - OSMANIA '63; M.TECH. OILS AND FATS - OSMANIA '65; M.B.A. BUSINESS MANAGEMENT - OSMANIA '75.

SPECIALIZATIONS : OILSEEDS AND OILSEED PROTEINS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-86; SCIENTIST EI, IICT, HYDERABAD SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : R & D IN OILSEEDS AND OILSEED PROTEINS; CASTOR DERIVATIVES FROM CASTOR OIL; STUDIES ON THERMAL STABILISATION OF RICE BRAN UNDER OILSEED MISSION PROJECT.

LANGUAGES : KANNADA, MARATHI, TELUGU, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 26, CONSULTANCY - 2, OPERATION, MAINTENANCE, PRODUCTION - 22, SURVEY OF NATURAL RESOURCES - 1, TECHNO-ECONOMIC SURVEYS - 1, PLANNING - 5.

2702

DR M NARAYANA RAO; (B. JULY 1, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. CHEMISTRY - ANDHRA '74; PH.D. CHEMISTRY - ANDHRA '79.

SPECIALIZATIONS : ORGANIC CHEMISTRY; SYNTHESIS OF BIOLOGICALLY ACTIVE COMPOUNDS; NEW SYNTHETIC METHODOLOGY; DRUGS AND DRUG INTERMEDIATES.

EXPERIENCE : J.R.F., S.R.F., P.D.F. (CSIR), ANDHRA UNIV. 1974-79; S.S.A. AND SCIENTIST B, N.C.L., PUNE, 1980-86; RESEARCH FELLOW, S.M.U., DALLAS TEXAS USA, 1984-85; RESEARCH FELLOW AND SCIENTIST C, N.C.L., PUNE, 1986-92; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1992.

LANGUAGES : TELUGU, HINDI, ENGLISH.

2703

DR R VITTAL RAO; (B. MARCH 24, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - OSMANIA '62; PH.D. CHEMISTRY - OSMANIA '69.

SPECIALIZATIONS : SURFACE COATING MATERIALS; ORGANIC COATING FILMS; CORROSION OF METALS; COLOUR AND ITS MEASUREMENT; FIRE RETARDANT ADDITIVES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD 1962-88; (ALSO HIGHER TRAINING IN CORROSION, POLAND, 1969-70); SCIENTIST EI, IICT. HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, ARTICLES - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APPLIED RESEARCH - 2.

2704

DR V J RAO; (B. JUNE 1, 1957),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - ANDHRA '58; M.SC. CHEMISTRY - VIKRAM '61; PH.D. CHEMISTRY - POONA '68.

EXPERIENCE : J.S.A., S.S.A, SCIENTIST A, SCIENTIST B AND SCIENTIST C, N.C.L., PUNE, 1968-91; (ALSO POST DOCTORAL FELLOW, UNIVERSITY OF READING, U.K. AND C.N.E.T. FRANCE, 1970-73 AND STATE UNIVERSITY OF NEWYORK, USA, 1980-82); SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1991. VISITED: UK, FRANCE, U.S.A.

2705

DR V VENKAT RAO; (B. FEBRUARY 5, 1953),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - OSMANIA '76; PH.D. REACTION KINETICS & CATALYSIS - OSMANIA '81.

SPECIALIZATIONS : SURFACE CHEMISTRY; KINETICS AND CATALYSIS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1980-92; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D IN CATALYSTS; ALKYLATION AND AMMOXIDATION REACTIONS, DEVELOPMENT OF CATALYST FOR CHLORO FLUORO CARBON SUBSTITUTES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS FILED - 6, PROCESS DEVELOPED - 3, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT AND TESTING - (TOTAL: 18 YEARS).

2706

SHRI A A RASHEED; (B. APRIL 21, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.M.E. - ANDHRA PRADESH '60; B.E. MECHANICAL ENGINEERING - OSMANIA'76.

SPECIALIZATIONS : INSTALLATION AND MAINTENANCE.

EXPERIENCE : MECHANIC GR.I, S.L.A., J.T.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1962-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE OF STEAM BOILERS, GAS GENERATION, WATER SUPPLY AND DISTRIBUTION.

LANGUAGES : URDU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 9, MAINTENANCE & INSTALLATION - 11.

2707

SHRI A KRISHNA REDDY; (B. JULY 6, 1947),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '68; B.SC. CHEMICAL TECHNOLOGY - H.B.T.I., KANPUR '72; M.TECH. CHEMICAL ENGINEERING - J.N.T.U. '74.

SPECIALIZATIONS : FLUIDIZATION.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1975-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING OF CHEMICAL PLANTS.

LANGUAGES : ENGLISH, TELUGU, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN AND PILOT PLANT - 7.

2708

SHRI B BAL REDDY; (B. DECEMBER 9, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.TECH. CHEMICAL ENGINEERING - I.I.T., DELHI '77.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : TRAINEE ENGINEER, SAURASHTRA CHEMICALS, PORBANDAR, 1978; S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1979-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT IN SYNTHETIC ORGANIC CHEMISTRY AND PESTICIDES.

LANGUAGES : ENGLISH, TELUGU, HINDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT AND DESIGN - 8.

2709

SHRI G LAXMA REDDY; (B. JULY 15, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING AND OIL TECHNOLOGY - OSMANIA '63.

SPECIALIZATIONS : NON-EDIBLE OILS HYDROGENATION; ORGANIC INTERMEDIATES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1963-87; SCIENTIST EI, IICT, HYDERABAD SINCE JUNE, 1987.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, TECH. DEV., PILOT PLANT AND COMMISSIONING AND TROUBLE SHOOTING OF GLYXAL COMMERCIAL PLANTS - (TOTAL 24 YEARS).

2710

DR N KISHAN REDDY; (B. FEBRUARY 1, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGG. - OSMANIA '74; M.TECH. CERAMIC ENGG. - OSMANIA '77; PH.D. CHEMICAL TECHNOLOGY - OSMANIA '87.

SPECIALIZATIONS : CERAMICS AND MATERIALS SCIENCE.

EXPERIENCE : S.S.A., C.G.C.R.I., CALCUTTA, 1977-81; SCIENTIST B AND SCIENTIST C. IICT. HYDERABAD, 1981-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS TAKEN - 1.

AWARDS & DISTINCTIONS : BEST PAPER AWARD, INDIAN REFRACTORY MAKERS' ASSOCIATION, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14, TESTING - 14.

2711

SHRI R KONDA REDDY; (B. SEPTEMBER 15, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '63; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '75.

SPECIALIZATIONS : HEAT TRANSFER; SIMULATION; COMPUTER PROCESS CONTROL AND ITS APPLICATIONS; SCALE-UP IN CHEMICAL PLANTS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-85; SCIENTIST EI, IICT, HYDERABAD SINCE MAY, 1985.

PRESENT ACTIVITIES : PROCESS DESIGN AND DEVELOPMENT; PRODUCT RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 11, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 10, DESIGN - 12, PILOT PLANT - 10, CONSULTANCY - 8, OPERATION - 12, MAINTENANCE - 10, PRODUCTION - 5, COMMISSIONING & TROUBLESHOOTING OF COMMERCIAL PLANTS - 6.

2712

SHRI S NARAYAN REDDY; (B. AUGUST 14, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGG. - OSMANIA '72; M.E. CHEMICAL ENGG. - B.I.T.S. '74.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-88; SCIENTIST EI, IICT, HYDERABAD SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : R & D IN COAL GASIFICATION; ERECTION AND COMMISSIONING OF COAL GASIFICATION PILOT PLANT; COMMISSIONING AND OPERATION OF AIR SEPARATION PLANT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA, W. GERMANY, U.S.A.

PUBLICATIONS & PATENTS : REVIEW PAPERS - 2, TECHNICAL PAPERS - 4, TECHNICAL REPORTS - 3, CONFERENCE/SYMPOSIA PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, TECH.DEV. AND PILOT PLANT ERECTION OPERATION (TOTAL: 14 YEARS).

2713

DR V V NARAYANA REDDY; (B. JULY 1, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - SAGAR '74; PH.D. ORGANIC CHEMISTRY - OSMANIA '83; CERTIFICATE IN GERMAN LANGUAGE - C.I.E.F.L., HYDERABAD '83.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY; REACTION MECHANISM; PROCESS DEVELOPMENT OF PESTICIDES AND DRUG INTERMEDIATES.

EXPERIENCE : J.R.F. S.R.F., RRL, HYDERABAD, 1975-79; S.S.A., IDPL, HYDERABAD, 1979-81; SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1981-89; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D IN PESTICIDES AND SYNTHETIC ORGANIC CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 16.

2714

SHRI D SADASIVUDU; (B. APRIL 20, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '68; M.TECH. CHEMICAL PLANT ENGINEER-

ING - OSMANIA '71; M.SC. - CHEMICAL ENGINEERING - SALFORD UNIVERSITY '87.

SPECIALIZATIONS : CHEMICAL PLANT DESIGN.

EXPERIENCE : RESEARCH FELLOW, S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1972-81; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN; COMMISIONING OF COMMERCIAL PLANTS; HAZARD & RISK ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 6, PATENTS FILED - 1, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILISATION - 4.

AWARDS & DISTINCTIONS : CASH AWARD FOR PREPARATION OF REPORT ON 'DISTILLATION COLUMN REACTORS'.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, DESIGN - 10, PILOT PLANT - 5, CONSULTANCY - 4.

2715

SHRI K B S SAIBABU; (B. JUNE 11, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '73; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '84.

SPECIALIZATIONS : REACTION ENGINEERING.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1975- 91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT OF ORGANIC INTERMEDIATES, COAL AND BIOMASS RELATED FIELDS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., OPERATION AND TESTING - (TOTAL: 19 YEARS).

2716

DR G S SALVAPATI; (B. JUNE 25, 1947),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '65; M.SC. CHEMISTRY - HYDERABAD '79; A.M.I.I.CHEM. ENGG. - INDIAN INSTITUTE OF CHEMICAL ENGINEERING '82; IST AND 2ND YEAR COURSE IN GERMAN LANGUAGE - MAX MUELLAR BHAWAN, HYDERABAD '69; PH.D. CHEMISTRY '88.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; PROCESS DEVELOPMENT; FUEL TECHNOLOGY; REACTION KINETICS AND ENERGETICS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1965-86; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, TECH. REPORTS - 4, PATENTS FILED - 3, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, TESTING - 5, PLANNING - 4.

2717

DR G S R SASTRY; (B. SEPTEMBER 10, 1944),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING AND OIL TECHNOLOGY - OSMANIA '66; M.TECH. CHEMICAL TECHNOLOGY - PAINTS AND VARNISHES - OSMANIA '68; PH.D. CHEMICAL TECHNOLOGY - OSMANIA '73.

SPECIALIZATIONS : PAINTS AND VARNISHES; OILS AND FATS; SOAPS AND DETERGENTS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974-87; SCIENTIST EI, IICT, HYDERABAD SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : RESEARCH, ANALYSIS AND TESTING OF PAINTS AND VARNISHES, OILS AND FATS, PESTICIDES, ETC.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 5, TESTING - 12, QLTY. CONTROL - 8, ANALYSIS & PRODUCT EVALUATION - 8, CONSULTANCY - 2.

2718

DR Y SITA RAMA SASTRY; (B. JULY 1, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '55; B.SC. (HONS) CHEMISTRY - ANDHRA '57; M.SC. ORGANIC CHEMISTRY - ANDHRA '59; PH.D. ORGANIC CHEMISTRY FATTY MATERIALS - ANDHRA '70.

SPECIALIZATIONS : OILS AND FATS.

EXPERIENCE : LECTURER, ST. THERESA'S COLLEGE, ELURU, 1957-58; LECTURER, ST. PHILOMENA'S COLLEGE, MYSORE, 1959-60; J.R.F., I.I.SC., BANGALORE, 1960-64; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1964-85; (ALSO POST-DOCTORAL RESEARCH AND TRAINING IN FOOD CHEMISTRY, INSTITUTE OF CHEMICAL TECHNOLOGY, PRAHA, CZECHOSLOVAKIA, 1971-73); SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, KANNADA, ENGLISH, CZECH.

VISITED : CZECHOSLOVAKIA, U.K., W. GERMANY, ITALY, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 10, PILOT PLANT - 10, TEACHING - 2.

2719

DR A SATYANARAYANA; (B. FEBRUARY 1, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '72; M.SC. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '84; PH.D. CHEMICAL TECHNOLOGY - OSMANIA '92.

SPECIALIZATIONS : REACTION ENGINEERING.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.C.T., 1972-92; SCIENTIST EI, I.I.C.T., HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 13, PILOT PLANT, OPERATION AND CONSTRUCTION - 6.

2720

DR M N SATYANARAYANA; (B. NOVEMBER 19, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '71; M.SC. APPLIED PHYSICAL CHEMISTRY - JABALPUR '73; PH.D. PHYSICAL CHEMISTRY - JABALPUR '79.

SPECIALIZATIONS : SURFACE COATINGS - STUDIES ON ADHESION.

EXPERIENCE : JUNIOR LECTURER, A.U.COLLEGE, HYDERABAD, 1973; J.R.F., S.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1973-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, KANNADA, HINDI, ENGLISH, GERMAN.

VISITED : E. GERMANY, W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, PAPERS PRESENTED - 11, RADIO TALKS - 1.

AWARDS & DISTINCTIONS : INDIAN PAINTS ASSOCIATION AWARD, 1980; G S NEVETIA AWARD FOR ADHESION STUDIES ON SURFACE COATINGS, O T A, 1980; RBGV SWAIKA MEMORIAL AWARD, 1985, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 8, TEACHING - 1.

2721

DR PONNAPALLI NAGESWARA SHARMA; (B. AUGUST 12, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '70; M.SC. ANALYTICAL CHEMISTRY - ANDHRA '72; PH.D. CHEMISTRY - OSMANIA '89.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; GAS-LIQUID CHROMATOGRAPHY; GC-MS INFRARED AND UV SPECTROSCOPY; NON-ANALYTICAL APPLICATIONS OF GAS CHROMATOGRAPHY.

EXPERIENCE : J.R.F., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD 1976-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN INSTRUMENTAL ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. PAPERS PRESENTED - 8, REVIEW ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 14, OPERATION - 11, TESTING - 11.

2722

DR R N SHARMA; (B. JUNE 17, 1951),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.B.B.S. - ANDHRA '73; M.D GEN. MEDICINE - ANDHRA '82.

SPECIALIZATIONS : GENERAL MEDICINE.

EXPERIENCE : R.M.O. IICT, HYDERABAD, 1979-89; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE MARCH, 1989.

PRESENT ACTIVITIES : MEDICAL.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : MALAYASIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : MEDICAL - 11.

2723

DR ASHOK KUMAR SINGH; (B. OCTOBER 1, 1945),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - B.H.U. '63; M.SC. CHEMISTRY - B.H.U. '65; PH.D. CHEMISTRY - B.H.U. '70.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : LECTURER, U.P. COLLEGE, VARANASI, 1970-77; RESEARCH ASSOCIATE, KEIO UNIVERSITY, JAPAN, 1977-79; RESEARCH ASSOCIATE, UNIVERSITY OF BRITISH COLUMBIA, CANADA, 1979-84; RESEARCH ASSOCIATE, HARVARD UNIVERSITY. U.S.A., 1984-87; SCIENTIST C, IICT, HYDERABAD, 1987-89: SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN SYNTHESIS OF NATURAL PRODUCTS.

LANGUAGES : HINDI, ENGLISH.

VISITED : JAPAN, CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, TEACHING - 7.

2724

DR(MRS) SUBHASHINI SINGHAMONI; (B. OCTOBER 2, 1943),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '63; M.SC. ENTOMOLOGY -SAUGAR '65; PH.D. ENTOMOLOGY - OSMANIA '73.

SPECIALIZATIONS : ENTOMOLOGY; TOXICOLOGY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1966-86; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : RESEARCH IN INSECT TOXICOLOGY AND PHYSIOLOGY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 17.

2725

SHRI BOPPANNA SOBBANNA; (B. DECEMBER 8, 1935),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMIC TECHNOLOGY - GOVERNMENT CERAMIC INSTITUTE, GUDUR, A.P. '57.

SPECIALIZATIONS : GLASS AND ENAMELS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1959-88; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, PILOT PLANT - 29, TESTING - 22, MAINTENANCE - 22, PLANNING, COORDINATION AND PUBLIC RELETIONS - 4.

2726

DR N K SOGANI; (B. JUNE 12, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - RAJASTHAN '56; M.SC. ORGANIC CHEMISTRY - RAJASTHAN '58; PH.D. ORGANIC CHEMISTRY - RAJASTHAN '69.

SPECIALIZATIONS : INDUSTRIAL ORGANIC CHEMISTRY; PESTICIDES; MEDICINAL ORGANIC CHEMISTRY; ESSENTIAL OILS; PLANNING, COORDINATION AND LIAISON.

EXPERIENCE : ANALYTICAL CHEMIST, HINDUSTAN ALUMINIUM CORPORATION LTD., SATNA, 1958; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1958-82; (ALSO POST-DOCTORAL RESEARCH IN MEDICINAL ORGANIC CHEMISTRY, W.GERMANY, 1969-70); SCIENTIST EI, IICT, HYDERABAD SINCE AUGUST, 1982.

PRESENT ACTIVITIES : PLANNING, COORDINATION & LIAISON.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, SRI LANKA.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, PLANNING & LIAISON - 8.

2727

SHRI C V SUBBARAO; (B. JUNE 17, 1948),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - SAMBALPUR '69; P.G. DIPLOMA IN PAPER TECHNOLOGY, INST. OF PAPER TECH., SAHARANPUR '72; P.G. DIPLOMA IN BUSINESS MANAGEMENT - DATAMATICS '79.

SPECIALIZATIONS : PAPER TECHNOLOGY.

EXPERIENCE : CHEMIST/SUPERVISOR, ORIENT PAPER MILLS, ORISSA, 1969-70 AND 1972-74; PROJECT ENGINEER, POONAMALLEE PAPER MILLS, NELLORE, 1974-76; PRODUCTION ENGINEER, SHRI RAMA STRAW BOARDS LIMITED, NALGONDA, 1976-77; TECHNICAL ASSISTANT GR. I., BHEL, HYDERABAD, 1977-80; SCIENTIST B AND SCIENTIST C, IICT,HYDERABAD 1980-90; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE AUGUST, 1990.

PRESENT ACTIVITIES : R & D IN SPECIALITY AND HANDMADE PAPERS, CELLULOSE PRODUCTS AND MINI PAPER PLANT; AGRICULTURAL RESIDUES & CONSULTANCY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROJECT REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 21, PILOT PLANT - 16, CONSULTANCY - 10.

2728

DR M SUBRAHMANYAM; (B. JULY 10, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. APPLIED CHEMISTRY - JABALPUR '72; PH.D. CHEMISTRY - I.I.T., MADRAS '77.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS; PHOTOCATALYSIS; PHOTOELECTROCHEMISTRY.

EXPERIENCE : RESEARCH ASSOCIATE AND PROJECT ASSOCIATE, IIT, MADRAS, 1977-80; RESEARCH SCIENTIST, NAGADI ENERGY FOUNDATION, MADRAS, 1980-81; POSTDOCTORAL FELLOW, UNIVERSITY OF HOUSTON, U.S.A., 1981-82; POOL OFFICER AND SCIENTIST C, R.R.L., HYDERABAD, 1982-91; SCIENTIST EI, IICT, HYDERABAD, SINCE JANUARY, 1991.

PRESENT ACTIVITIES : AMMOXIDATION AND CYCLIZATION REACTIONS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 4.

2729

SHRI M S SUBRAHMANYAM; (B. SEPTEMBER 10, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL - MYSORE '69.

SPECIALIZATIONS : FABRICATION AND ERECTION OF PLANTS; MAINTENANCE AND TESTING OF PILOT PLANT

EQUIPMENT; COAL GASIFICATION; TESTING OF COAL FOR STUDY ON GASIFICATION CHARACTERISTICS.

EXPERIENCE : ASSTT. ENGINEER, S.A.E. (P) LTD., JABALPUR, 1971-73; ENGINEER, DEVI & CO., HYDERABAD, 1973-74; ENGINEER, HYDERABAD STEEL TUBES PVT. LTD., HYDERABAD, 1974-75; MECHANICAL ENGINEER, ASIAN STEEL AND ASIAN WIREROPE, HYDERABAD, 1976; S.S.A. AND SCIENTIST B, R.R.L. HYDERABAD, 1976-86; SCIENTIST C, IICT, HYDERABAD 1986-91; SCIENTIST EI, SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : TESTING OF INDIAN COALS FOR COAL GASIFICATION CHARACTERISTICS.

LANGUAGES : TELUGU, HINDI, KANNADA, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, DESIGN - 7, PILOT PLANT - 6, OPERATION - 8, TESTING - 16, QUALITY CONTROL - 1, MAINTENANCE - 16, PRODUCTION - 2, PLANNING - 10, FABRICATION AND ERECTION - 16.

2730

DR(MRS) KUMUDA SUKUMAR; (B. OCTOBER 26, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '59; M.SC. ZOOLOGY - KERALA '65; PH.D. ZOOLOGY (ENTOMOLOGY) - KERALA '73.

SPECIALIZATIONS : PESTICIDES EVALUATION OF TOXICOLOGY; STUDY OF NATURAL PRODUCTS AS INSECT CONTROL AGENTS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST C, IICT, HYDERABAD, 1966-87; SCIENTIST EI, IICT, HYDERABAD SINCE APRIL, 1987.

PRESENT ACTIVITIES : RESEARCH ON INSECT CONTROL AGENTS; DERIVED FROM NATURAL PRODUCTS, THEIR BIOCHEMICAL & PHYSIOLOGICAL MODE OF ACTION ON INSECTS.

LANGUAGES : MALAYALAM, TAMIL. TELUGU, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 57.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 25, APPLIED RESEARCH - 25.

2731

DR(MRS) VEDANAYAGAM H SUMATHI; (B. JULY 9, 1939),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; A.I.C. CHEMISTRY OF OILS AND FATS - INSTITUTION OF CHEMISTS, CALCUTTA '67; PH.D. ORGANIC CHEMISTRY - ST. ANDREWS UNIVERSITY, U.K. '75.

SPECIALIZATIONS : LIPID CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD. 1962-89; (ALSO STUDIES FOR PH.D., ST. ANDREWS UNIVERSITY, U.K., 1972-75); SCIENTIST EI. IICT, HYDERABAD SINCE AUGUST, 1989.

PRESENT ACTIVITIES : RESEARCH IN OILS AND FATS.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PAPERS PRESENTED - 6, PROCESSES DEVELOPED - 2, PAPERS - 3, PATENT - 1, LECTURES GIVEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 15, PILOT PLANT - 5.

2732

SHRI C V SURYANARAYANA; (B. APRIL 22, 1935),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '56.

SPECIALIZATIONS : INFORMATION PROCESSING AND DISSEMINATION; PUBLICATION; DOCUMENTATION; PUBLICITY.

EXPERIENCE : LIBRARIAN, J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, AND SCIENTIST C, IICT, HYDERABAD, 1958-88; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH COORDINATION, TECHNICAL INFORMATION, LIAISON AND PUBLICITY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : RESEARCH COORDINATION. DOCUMENTATION, INFORMATION PROCESSING, DISSEMINATION, PUBLICITY AND PUBLICATIONS - (TOTAL: 32 YEARS).

2733

SHRI T SURYANARAYANA; (B. AUGUST 16, 1946),

TECHNICAL OFFICER (EI). INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '64; DIPLOMA IN LIBRARY SCIENCE - OSMANIA '65; DIPLOMA IN RUSSIAN - OSMANIA '67.

SPECIALIZATIONS : LIBRARY SCIENCE; DOCUMENTATION.

EXPERIENCE : S.L.A., IICT, HYDERABAD, 1964-67; J.S.A. AND S.S.A., DEFENCE ELECTRONICS RESEARCH LABORATORY, HYDERABAD, 1967-77; SCIENTIST B AND TECHNICAL OFFICER (C), IICT, HYDERABAD, 1977-88; TECHNICAL OFFICER (EI), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH PLANNING; INFORMATION DISSEMINATION; LIAISON.

LANGUAGES : TELUGU, HINDI, ENGLISH, RUSSIAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 18, DOCUMENTATION - 26.

2734

DR D VEERANNA; (B. FEBRUARY 26, 1951),

SCIENTIST EI. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '73; PH.D. CHEMICAL ENGINEERING - I.I.T., DELHI '86.

SPECIALIZATIONS : THERMODYNAMICS; REACTION ENGINEERING; COMPUTER AIDED DESIGN AND SIMULATION; HAZARD STUDY AND RISK ANALYSIS.

EXPERIENCE : JUNIOR ENGINEER, ASSISTANT ENGINEER AND ENGINEER, ENGINEERS INDIA LTD., NEW DELHI, 1974-82; SCIENTIST C, IICT, HYDERABAD, 1982-88; SCIENTIST EI, IICT, HYDERABAD, SINCE APRIL, 1988.

PRESENT ACTIVITIES : DEVELOPMENT OF THERMOPHYSICAL AND PHASE EQUILIBRIUM PROPERTIES; HAZARD STUDY AND RISK ANALYSIS OF CHEMICAL PROCESS PLANTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, DESIGN - 1, PILOT PLANT - 1, COMPUTER AIDED DESIGN & SIMULATION - 5.

2735

SHRI K VENKATESWARLU; (B. APRIL 1, 1951),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '73; M.TECH. CHEMICAL ENGINEERING - ANDHRA '76.

SPECIALIZATIONS : REACTION ENGINEERING AND UNIT OPERATION.

EXPERIENCE : RESEARCH SCHOLAR, ANDHRA UNIVERSITY, 1976-77; S.S.A. AND SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1977-91; SCIENTIST EI, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : R & D IN SYNTHETIC FUELS.

LANGUAGES : ENGLISH, TELUGU, HINDI.

VISITED : GERMANY.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH AND DESIGN - 10.

2736

DR B VISWANATHAN; (B. JULY 21, 1950),

SCIENTIST EI, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '74; M.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '83.

SPECIALISATIONS : CHEMICAL REACTION ENGINEERING; OILS AND FATS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, IICT, HYDERABAD, 1974- 90; SCIENTIST EI, IICT, HYDERABAD SINCE MAY, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 1, PATENTS FILED - 1, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH AND PILOT PLANT - 16.

2737

DR KAMAL AHMED; (B. APRIL 5, 1956),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC - OSMANIA'75; M.SC. ORGANIC CHEMISTRY - A.M.U. ALIGARH '77 ; M.PHIL ORGANIC CHEMISTRY - A.M.U., ALIGARH '79; PH.D. ORGANIC CHEMISTRY - A.M.U., ALIGARH '82.

SPECIALIZATIONS : ORGANIC CHEMISTRY; MEDICINAL AND PHARMACEUTICAL CHEMISTRY; BIOORGANIC CHEMISTRY; BIOTECHNOLOGY.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ENZYMES AS BIOCATALYSIS IN ORGANIC SYNTHESIS; DESIGN, SYNTHESIS AND EVALUATION OF SEQUENCE SPECIFIC DNA-INTERACTIVE LIGANDS AS ANTITUMOUR AGENTS.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 38 ARTICLES - 2, PATENTS TAKEN - 6, PROCESS DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 3.

2738

SHRI D M AKKEWAR; (B. DECEMBER 6, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - NAGPUR '76.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : LECTURER, LOK TILAK COLLEGE, WANI, 1976-83; SCIENTIST B, IICT, HYDERABAD, 1983-89; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN NATURAL PRODUCTS.

LANGUAGES : MARATHI, TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, TEACHING - 6.

2739

SHRI K V AVADHANLU; (B. APRIL 19, 1945),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL DRAUGHTSMANSHIP - I.T.I., MACHILIPATNAM, A.P. '64.

SPECIALIZATIONS : DESIGN AND DRAUGHTING.

EXPERIENCE : DRAUGHTSMAN, A.I.M.I.L., NEW DELHI, 1965; TRACER AND JUNIOR DRAUGHTSMAN, NPL, NEW DELHI, 1965-69; (ADVANCED TRAINING IN MACHINE & TOOL DESIGN AND WORKSHOP PRACTICE, FRANCE, 1969-71); SENIOR DRAUGHTSMAN, PRAGA TOOLS LTD., SECUNDERABAD, 1972-74; S.T.A., TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), IICT, HYDERABAD, 1974-89; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : DESIGN AND DRAUGHTING; PREPARATION OF EQUIPMENT DIAGRAMS, ENGINEERING

FLOW DIAGRAMS, FLOW SHEETS, ISOMETRIC DIAGRAMS & PIPING DIAGRAMS ON AUTO CAD AND TECHNICAL (CAED).

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN AND TECH. DEV. - 16.

2740

SHRI Y RAM BABU; (B. AUGUST 15, 1956),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - ANDHRA '78.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1986-89; SCIENTIST C, IICT, HYDERABAD SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF PETROLEUM SULPHONATES FOR ENHANCED OIL RECOVERY; SYNTHESIS OF POLYMERS FOR DIFFERENT APPLICATIONS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PAPERS PRESENTED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 6, APPLIED RESEARCH - 6.

2741

SHRI P S BHASKAR; (B. MAY 30, 1954),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - SAUGAR '75; M.TECH. OIL TECHNOLOGY - NAGPUR '78.

SPECIALIZATIONS : OIL TECHNOLOGY.

EXPERIENCE : J.S.A., SCIENTIST A AND SCIENTIST B, IICT. HYDERABAD, 1979-89; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN OILS AND FATS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 3.

2742

DR BISWANATH DAS; (B. MAY 15, 1952),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - BURDWAN '73; M.SC. ORGANIC CHEMISTRY - KALYANI '75; PH.D. ORGANIC CHEMISTRY - CALCUTTA '85.

SPECIALISATIONS : CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : FELLOW, IICT, HYDERABAD, 1990-92; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : RESEARCH ON BIOACTIVE NATURAL PRODUCTS.

LANGUAGES : BENGALI, ENGLISH, HINDI, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

AWARDS & DISTINCTIONS : EXECUTIVE COUNSELLOR. INDIAN SOCIETY OF ALLOPATHY, 1992-94.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3.5.

2743

DR P K DASS; (B. APRIL 9, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - CALCUTTA '74: B.TECH. POLYMER - CALCUTTA '78; PH.D. CHEMICAL ENGINEERING - I.I.Sc. '85.

SPECIALIZATIONS : POLYMER ENGINEERING.

EXPERIENCE : PROJECT ASSISTANT, I.I.Sc., 1984-85; POST DOCTORATE, PURDUE UNIVERSITY, U.S.A., 1985-87; POST DOKTORAND, ETH, ZURICH, 1987-90; SCIENTIST C, I.I.C.T. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : NODELLING.

LANGUAGES : BENGALI, HINDI, ENGLISH, DENTSEH.

VISITED : U.S.A., SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 2.

2744

DR D N M DESHMUKH; (B. NOVEMBER 6, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.- SHIVAJI '71; M.SC. ORGANIC CHEMISTRY - SHIVAJI '73: PH.D. ORGANIC CHEMISTRY - POONA '80.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : J.R.F., S.R.F. AND RESEARCH ASSOCIATE, N.C.L., PUNE, 1973-81; POSTDOCTORAL FELLOW. UNIVERSITE DE PARIS-SUD FRANCE, 1981-84; POOL OFFICER. N.C.L., PUNE, 1984-86; SCIENTIST B, IICT, HYDERABAD, 1986-89; SCIENTIST C, IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : R & D IN DRUGS.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH. FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESS DEVELOPED - 5, PATENTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 4.

2745

DR N W FADNAVIS; (B. OCTOBER 31, 1954),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - NAGPUR '74; M.SC. ORGANIC CHEMISTRY - NAGPUR '76; PH.D. PHYSICAL ORGANIC CHEMISTRY - NAGPUR '80.

SPECIALIZATIONS : MICELLAR CATALYSIS; TRANSMISSION OF SUBSTITUENT EFFECTS; ENZYMES HOSTED IN RE-

VERSE MICELLES; MICROBIAL CELLS IN ORGANIC SYNTHESIS.

EXPERIENCE : RESEARCH ASSTT., UNIVERSITY OF GRONINGEN, THE NETHERLANDS, 1981-84; LECTURER, DHARAMPETH COLLEGE OF SCIENCE, NAGPUR, 1984-85; POOL OFFICER, IICT, HYDERABAD, 1985-86; RESEARCH ASSOCIATE. ETH, ZURICH, SWITZERLAND, 1986-87; SCIENTIST B, IICT. HYDERABAD. 1987-92; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1992.

PRESENT ACTIVITIES : RESEARCH IN BIOTECHNOLOGY.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : THE NETHERLANDS, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, TEACHING - 1.

2746

SHRI K S GANGAL; (B. MARCH 18, 1936),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2747

SHRI M BURHAN HUSAIN; (B. OCTOBER 7, 1935),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '57.

SPECIALIZATIONS : POPULAR SCIENCE ARTICLE WRITING IN URDU.

EXPERIENCE : SOIL SURVEY ASSISTANT, GOVERNMENT OF ANDHRA PRADESH AGRICULTURAL INSTITUTE, HYDERABAD, 1959-61; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, AND SCIENTIST B, IICT, HYDERABAD, 1961-87; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : URDU, ARABIC, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 175, POPULAR SCIENCE BOOKS - 2, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3, RADIO TALKS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 16.

2748

SHRI MIR RAZA HUSSAIN; (B. AUGUST 23, 1938),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '61.

SPECIALIZATIONS : X-RAY ANALYSIS OF INORGANIC AND ORGANIC COMPOUNDS AND MINERALS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. IICT, HYDERABAD 1962-89; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE APRIL, 1989

PRESENT ACTIVITIES : X-RAY ANALYSIS; STRUCTURAL ANALYSIS.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, RADIO TALKS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, OPERATION - 27, MAINTENANCE - 27, TEACHING - 2.

2749

MRS NAFIA ZAINAB IFTIKHAR; (B. APRIL 2, 1960),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '82; M.TECH. CHEMICAL TECHNOLOGY - OSMANIA '85.

SPECIALIZATIONS : COMPUTER MODELLING, SIMULATION AND CONTROL.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1983-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : ON-LINE CONTROL OF DISTILLATION COLUMN.

LANGUAGES : URDU, HINDI, TAMIL, ENGLISH, GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : COMPUTER SIMULATION AND CONTROL - 8.

2750

DR K ISHRATULLAH; (B. AUGUST 4, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - A.M.U'71; M.SC. ORGANIC CHEMISTRY - A.M.U.'73; M.PHIL ORGANIC CHEMISTRY - A.M.U.'75; PH.D. ORGANIC CHEMISTRY - A.M.U.'78.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F., POSTDOCTORAL FELLOW AND POOL OFFICER, ALIGARH MUSLIM UNIVERSITY, 1974-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : URDU, HINDI, ARABIC, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 8.

2751

DR B JAGANNADH; (B. MARCH 17, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '74; M.SC. SOLID STATE PHYSICS - OSMANIA '76; PH.D. PHYSICS - KAKATIYA '82.

SPECIALIZATIONS : COMPUTATIONAL CHEMISTRY; COMPUTER AIDED ORGANIC SYNTHESIS.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1986-92; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1992.

PRESENT ACTIVITIES : COMPUTER AIDED ORGANIC SYNTHESIS; MOLECULAR MODELLING

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, COMPUTER PROCESSING - 12, COMPUTER AIDED ORGANIC SYNTHESIS - 5, COMPUTATIONAL CHEMISTRY - 5.

2752

DR(MRS) ANNAPURNA JETTY; (B. FEBRUARY 10, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74; M.SC. BIOSCIENCES - OSMANIA '76; PH.D. MYCOLOGY & PLANT PATHOLOGY - OSMANIA '80; JR. DIPLOMA IN GERMAN - OSMANIA '81.

SPECIALIZATIONS : ANTIBIOTICS ISOLATION AND PURIFICATION; ENZYME ISLOATION; BIOTRANSFORMATION.

EXPERIENCE : J.R.F. AND S.R.F., OSMANIA, 1976-80; P.D.F. AND SCIENTIST B, IICT, HYDERABAD, 1980-88; SCIENTIST C, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : ANTIBIOTICS ISOLATION AND PURIFICATION; BIOTRANSFORMATIONS.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10.

2753

DR(MISS) M LAKSHMI KANTAM; (B. MARCH 4, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '73; M.SC. INORGANIC CHEMISTRY - KURUKSHETRA '76; PH.D. SYNTHETIC INORGANIC CHEMISTRY - KURUKSHETRA '82.

SPECIALIZATIONS : COORDINATION CHEMISTRY; CATALYSIS.

EXPERIENCE : LECTURER, J.M.J. COLLEGE FOR WOMEN, TENALI, 1982-83; P.D.F. AND SCIENTIST B, IICT, HYDERABAD, 1983-89; SCIENTIST C, IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 3, TEACHING - 2.

2754

SHRI MOHAMMAD KIFAYATULLA; (B. AUGUST 4, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '70; M.SC. CHEMISTRY - A.M.U. '72; M.PHIL. PHYSICAL CHEMISTRY - A.M.U. '76.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CHEMICAL KINETICS; CHROMATOGRAPHY; NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY.

EXPERIENCE : J.R.F., S.R.F., S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1973-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRAURAY. 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PAPERS PRESENTED - 3, PATENTS FILED - 5. PROCESSES DEVELOPED - 5.

AWARDS & DISTINCTIONS : IDMA AWARD, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 13.

2755

DR A S R KRISHNAMURTY; (B. MARCH 12, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '69; M.SC. ANALYTICAL CHEMISTRY - ANDHRA '71; PH.D. CHEMISTRY - ANDHRA '76.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1978-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN ANALYTICAL CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 23.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 11, TESTING - 11, TEACHING - 3, DOCUMENTATION - 1.

2756

SHRI T KRISHNUDU; (B. SEPTEMBER 16, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B .TECH. CHEMICAL ENGINEERING - OSMANIA '77.

SPECIALIZATIONS : PROJECT PLANNING; ERECTION, PROJECT IMPLEMENTATION AND OPERATION OF PAPER PLANTS; PRODUCTION PLANNING AND MANAGEMENT OF PAPER PLANTS; COAL GASIFICATION.

EXPERIENCE : ENGINEER (PLANNING & DEVELOPMENT), THE A.P. PAPER MILLS LTD., RAJAHUMUNDRY, AP, 1978-82; ASSTT. ENGINEER BALLARPUR INDUSTRIES LTD., BALLARPU, MAHARASTHRA, 1982-83; SCIENTIST B, IICT, HYDERABAD, 1983-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER. 1989.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND R & D IN COAL GASIFICATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PAPERS PRESENTED - 2, PAPERS PUBLISHED - 3, REPORTS PREPARTED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 7, DESIGN AND PLANT - 4, CONSTRUCTION - 3, OPERATION - 2. PRODUCTION PLANNING & MANAGEMENT - 2.

2757

DR S J KULKARNI; (B. DECEMBER 26, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - SHIVAJI '71; M.SC. PHYSICAL CHEMISTRY - SHIVAJI '73; PH.D. PHYSICAL CHEMISTRY - POONA '81.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CATALYSIS.

EXPERIENCE : J.R.F., IIT, KANPUR, 1973-76; J.S.A. AND S.S.A., N.C.L., PUNE, 1976-82; MONBUSHO FELLOW, HOKKAIDO UNIV., JAPAN, 1982- 84; LECTURER, P.G. CENTRE, SHIVAJI UNIV, 1985-86; R.A., N.C.L., PUNE, 1986-89; SCIENTIST B, IICT, HYDERABAD, 1989-92; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1992.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : MARATHI. HINDI, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, ARTICLES - 2, PATENTS TAKEN - 1, PATENTS FILED CU - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 17, APPLIED RESEARCH - 17 TEACHING - 1.

2758

DR K RAVI KUMAR; (B. MAY 31, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2759

SHRI PRADEEP KUMAR; (B. FEBRUARY 16, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - B.H.U. '70; M.SC. - ORGANIC CHEMISTRY - AGRA '73; PROFICIENCY IN CHINESE LANGUAGE - LUCKNOW '78; DIPLOMA IN RUSSIAN LANGUAGE - LUCKNOW '80.

SPECIALIZATIONS : EDITING; DOCUMENTATION; SCIENTIFIC TRANSLATION.

EXPERIENCE : J.S.A., C.D.R.I., LUCKNOW, 1976-78; S.S.A. AND SCIENTIST B, C.I.M.A.P., LUCKNOW, 1978-87; SCIENTIST C, IICT, HYDERABAD SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : COMPILATION, EDITING AND PRINTING OF REPORTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : REVIEW PAPER - 1, SCIENTIFIC BOOK(TRANSLATION) - 1, POPULAR SCIENCE ARTICLES - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 6, EDITING - 7, DOCUMENTATION - 1.

2760

DR V VIJAYA KUMAR; (B. OCTOBER 1, 1953),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74; M.SC. INORGANIC CHEMISTRY - OSMANIA '77; PH.D. COORDINATION CHEMISTRY - OSMANIA '86.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ACTIVATED CARBON; CATALYSIS.

EXPERIENCE : DEMONSTRATOR, OSMANIA UNIVERSITY, 1978-81; SCIENTIST B, IICT, HYDERABAD, 1981-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN OXYCHLORINATION OF ETHYLENE/DIRECT CONVERSION OF SYNGAS TO HIGHER ALCOHOLS.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, TEACHING - 3.

2761

DR(MRS) B KRISHNA KUMARI; (B. JULY 1, 1953),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. CHEMISTRY - ANDHRA '75; PH.D. CHEMISTRY - ANDHRA '81; DIPLOMA IN GERMAN - CENTRAL INSTITUTE OF ENGLISH & FOREIGN LANGUAGES, HYDERABAD '80.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1980-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN SYNTHETIC ORGANIC CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APPLIED RES. - 11.

2762

DR(MRS) V DURGA KUMARI; (B. DECEMBER 10, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MARATHWADA '73; M.SC. INORGANIC CHEMISTRY - NAGPUR '76; PH.D. COORDINATION CHEMISTRY - NAGPUR '81.

SPECIALIZATIONS : COORDINATION CHEMISTRY; CATALYSIS.

EXPERIENCE : JUNIOR LECTURER, HISLOP COLLEGE, NAGPUR AND STANLEY JUNIOR COLLEGE, HYDERABAD, 1979-81; SR. LECTURER, S.R.K.R. ENGINEERING COLLEGE, 1981-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : TELUGU, HINDI, MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 4, PILOT PLANT - 4, TEACHING - 4.

2763

DR(MRS) S SAKUNTHALA MADHAVENDRA; (B. JULY 10, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : M.SC. BOTANY - SARDAR PATEL UNIV. '79; PH.D. BOTANY - SARDAR PATEL UNIV. '82.

SPECIALISATIONS : ELECTRON MICROSCOPY; ENVIRONMENTAL POLLUTION AND BIOENERGY.

EXPERIENCE : J.R.F. AND S.R.F., S P UNIVERSITY, 1979-82; RESEARCH ASSOCIATE AND SCIENTIST B, IICT, HYDERABAD, 1983-90; SCIENTIST C, IICT. HYDERABAD SINCE MARCH, 1990.

PRESENT ACTIVITIES : CATALYSIS. POLYMERS AND EXTENDING SUPPORT TO VARIOUS ONGOING RESEARCH PROJECTS OF IICT.

LANGUAGES : TELUGU, HINDI, ENGLISH, GUJARATI.

PUBLICATIONS & PATENTS : 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : 15.

2764

SHRI M MANIKYAM; (B. DECEMBER 6, 1944),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ANDHRA '63.

SPECIALIZATIONS : REFRIGERATION AND AIR CONDITIONING PLANT MAINTENANCE.

EXPERIENCE : GRADUATE APPRENTICE, IICT, HYDERABAD, 1964-65; J.T.A., S.T.A., J.T.O. AND SCIENTIST B, C.M.R.S., DHANBAD, 1965-85; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE DECEMBER, 1985.

PRESENT ACTIVITIES : MAINTENANCE OF REFRIGERATION AND AIR CONDITIONING PLANT.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 25.

2765

DR SURESH NARAYAN MATHUR; (B. AUGUST 19, 1938),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - U.D.C.T., BOMBAY '74; PH.D. ORGANIC CHEMISTRY - BOMBAY '88.

SPECIALIZATIONS : PROCESS DEVELOPMENT; REPORT WRITING; ORGANIC SYNTHESIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B. IICT, HYDERABAD. 1963-86; SCIENTIST C. IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, URDU. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3. TECH. REPORTS - 2, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 7. PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. AND PILOT PLANT - 9.

2766

SHRI M A MUJEEB; (B. JUNE 16, 1936),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '60.

SPECIALIZATIONS : DOCUMENTATION; RESEARCH COORDINATION; INDUSTRIAL LIAISON.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1962-86; TECHNICAL OFFICER (CI), IICT, HYDERABAD SINCE APRIL, 1986.

PRESENT ACTIVITIES : RESEARCH COORDINATION; DOCUMENTATION; INDUSTRIAL LIAISON; ORGANISING TECHNICAL EXHIBITIONS.

LANGUAGES : URDU. HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING, RESEARCH COORDINATION AND INDUSTRIAL LIAISON - 27, ORGANISING TECHNICAL EXHIBITIONS AND PUBLIC RELATION - 23.

2767

SHRI C L N MURTHY; (B. JUNE 19, 1949),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '72; M.TECH. CHEMICAL ENGINEERING - J.N.TECHNOLOGICAL UNIVERSITY '76.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : S.R.F., S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1976-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : CHEMICAL PROCESS SIMULATION.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11.

2768

SHRI M MARTHANDA MURTHY; (B. FEBRUARY 23, 1952),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. ORGANIC CHEMISTRY - ANDHRA '74.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., S.S.A. AND SCIENTIST B. IICT. HYDERABAD, 1976-86; SCIENTIST C, IICT. HYDERABAD SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 2, PILOT PLANT - 4.

2769

SHRI M S R MURTHY; (B. JUNE 5, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '75; M.SC. CHEMISTRY - ANDHRA '77.

SPECIALIZATIONS : ORGANIC CHEMISTRY; MEDICINAL CHEMISTRY; POLYMER CHEMISTRY.

EXPERIENCE : SCIENTIST B, N.I.O. GOA, 1983-85; SCIENTIST B, IICT, HYDERABAD, 1985-88; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : R & D IN MEDICINAL CHEMISTRY; PROCESS DEVELOPMENT OF DRUG AND DRUG INTERMEDIATES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 5.

2770

SHRI S KESAVA MURTHY; (B. OCTOBER 1, 1938),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - S.V. UNIVERSITY '58; DIPLOMA IN CHEMICAL ENGINEERING '64; CERTIFICATE COURSE IN SINTERING & PELLETIZATION - I.I.T., BOMBAY.

SPECIALIZATIONS : INORGANIC CHEMICALS AND MINERAL PRODUCTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1961-84; TECHNICAL OFFICER (C), IICT, SINCE APRIL, 1984.

PRESENT ACTIVITIES : R & D IN INORGANIC CHEMICALS AND MINERAL PRODUCTS; CATALYSIS; MANAGEMENT OF INFRASTRUCTURE FACILITIES.

LANGUAGES : TELUGU, HINDI, URDU, KANNADA, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT, INSTALLATION AND MAINTENANCE - 29.

2771

SHRI U SURYANARAYANA MURTHY; (B. SEPTEMBER 20, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '78; M.SC. ZOOLOGY - ANDHRA '80.

SPECIALIZATIONS : MARINE BIOLOGY; MEDICAL ENTOMOLOGY.

EXPERIENCE : RESEARCH ASSTT., VECTOR CONTROL RESEARCH CENTRE, PONDICHERRY, 1981-83; SENIOR RESEARCH ASSTT., CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE, MYSORE, 1983-84; SCIENTIST B, IICT, HYDERABAD. 1984-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER. 1989.

PRESENT ACTIVITIES : RESEARCH IN MEDICAL ENTOMOLOGY.

LANGUAGES : TELUGU, TAMIL, KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

2772

DR Y V D NAGESWAR; (B. OCTOBER 20, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74; M.SC. ORGANIC CHEMISTRY '76; PH.D. ORGANIC CHEMISTRY - KAKATIYA '80.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1980-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 6.

2773

MRS C K SNEHALATHA NAIR; (B. JUNE 20, 1945),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '65; M.SC. - ORGANIC CHEMISTRY - KARNATAK '81.

SPECIALIZATIONS : COAL UTILIZATION; VEGETABLE MATTER UTILISATION.

EXPERIENCE : SCIENCE TEACHER, MOUNT CARMEL CONVENT, DHANBAD, 1966-70; J.L.A., CFRI., DHANBAD, 1970-71; J.L.A., S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1971-88; (ALSO VISITED POLAND TO STUDY ON THE STRUCTURE OF COAL IN THE INSTITUTE OF PETROLEUM AND COAL CHEMISTRY, 1987); SCIENTIST C, IICT, HYDERABAD SINCE AUGUST, 1988.

PRESENT ACTIVITIES : R & D IN UTILIZATION OF COAL AND VEGETABLE MATTER; PROCESS DEVELOPMENT IN ORGANIC CHEMISTRY.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10, TESTING - 10, QUALITY CONTROL - 10, TEACHING - 4.

2774

SHRI B NARSAIAH; (B. MAY 4, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC - OSMANIA '79; M.SC. ORGANIC CHEMISTRY - OSMANIA '81.

SPECIALIZATIONS : DYES; DRUGS AND INTERMEDIATES.

EXPERIENCE : JUNIOR LECTURER, RAILWAY JUNIOR COLLEGE, SECUNDERABAD, 1982-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C. IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN DRUGS AND PESTICIDES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS FILED - 2, PROCESSES DEVELOPED - 2, PUBLICATIONS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 7, PILOT PLANT - 1, TEACHING - 1.

2775

DR K BHANU PRAKASH; (B. MAY 25, 1960),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '79; M.SC. CHEMISTRY - HYDERABAD '81; PH.D. THEORETICAL CHEMISTRY - I.I.SC., BANGALORE '86.

SPECIALIZATIONS : THEORETICAL CHEMISTRY.

EXPERIENCE : P.D.F., UNIV OF WUPPERFAL, W.GERMANY, 1986-90; QUICK HIGHER FELLOW, I.I.C.T., HYDERABAD, 1990-92; SCIENTIST C, I.I.C.T., HYDERABAD SINCE MARCH, 1992.

LANGUAGES : TELUGU, MALAYALAM, HINDI, TAMIL.

2776

MRS KRUPA DEVI OM PRAKASH; (B. JUNE 22, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. ELECTRONICS & COMMUNICATION - ANDHRA '71.

SPECIALIZATIONS : ELECTRONICS AND COMMUNICATION ENGINEERING.

EXPERIENCE : TRAINEE, ECIL, HYDERABAD, 1972-73; SR. TRAINEE, IICT, HYDERABAD, 1973-74; CHIEF PROJECT ENGINEER, DELTRONICS, HYDERABAD, 1974; S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1975-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D AND MAINTENANCE OF ELECTRONIC INSTRUMENTS.

LANGUAGES : ENGLISH, TELUGU, HINDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, TESTING AND MAINTENANCE - 15.

2777

DR A R PRASAD; (B. NOVEMBER 3, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - ROORKEE '78; PH.D. CHEMISTRY - ROORKEE '85.

SPECIALIZATIONS : CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND SCIENTIST B, IICT, 1979-89; SCIENTIST C, IICT, HYDERABAD, SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : PROCESS KNOW-HOW AND TECHNICAL DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, DEUTSCH, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 3, TECHNICAL DEV. - 1.

2778

SHRI J V PRASAD; (B. OCTOBER 5, 1956),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. MECHANICAL ENGINEERING - J.N.T.U. '79.

SPECIALIZATIONS : DESIGN, OPERATION AND MAINTENANCE OF COAL GASIFICATION PLANTS; OPERATION AND MAINTENANCE OF REFRIGERATION & AIR CONDITIONING EQUIPMENT & PLANTS.

EXPERIENCE : CHARGEMAN, I.D.P.L., HYDERABAD, 1979-81; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE OF REFRIGERATION & AIR CONDITIONING EQUIPMENTS AND PLANTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 6, MAINTENANCE - 10.

2779

SHRI K H V PRASAD; (B. MARCH 4, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '74; B.SC.(TECH.) CHEMICAL TECHNOLOGY - NAGPUR '78; M.TECH. CHEMICAL ENGINEERING - KAKATIYA '80.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; KINETICS AND MODELLING; SIMULATION OF CHEMICAL PROCESS SYSTEMS.

EXPERIENCE : S.R.F. AND SCIENTIST B, IICT, HYDERABAD, 1981-88; SCIENTIST C, IICT, HYDERABAD SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : KINETICS AND MODELLING OF COAL GASIFICATION; PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 5, PROCESS DEVELOPMENT - 2.

2780

SHRI P RAVI PRASAD; (B. JULY 1, 1959),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - SRI KRISHNADEVARAYA '81.

SPECIALISATIONS : ANALYTICAL CHEMISTRY; POLAROGRAPHY.

EXPERIENCE : S.T.A., G.S.I., HYDERABAD, 1982-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE MAY, 1988.

PRESENT ACTIVITIES : POLAROGRAPHY.

LANGUAGES : TELUGU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 4, TESTING - 3.

2781

SHRI K RADHAKRISHNAN; (B. NOVEMBER 16, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. CHEMICAL - ANNAMALAI '75; M.E. CHEMICAL - ANNAMALAI '77.

SPECIALIZATIONS : PETROCHEMICALS AND PETROLEUM REFINERY ENGINEERING.

EXPERIENCE : POOL OFFICER (CSIR), IICT, JORHAT, 1978-79; POOL OFFICER (CSIR) AND CHEMICAL ENGINEER, NCL, PUNE, 1979-81; SCIENTIST B, IICT, HYDERABAD, 1981-86; SCIENTIST C, IICT, HYDERABAD SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 5, PATENT FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 8, DESIGN - 1, PILOT PLANT - 3, COMPUTER PROCESSING - 2.

2782

SHRI V RAJAGOPALAN; (B. NOVEMBER 22, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, MADRAS '67; A.M.I.E. MECHANICAL - INSTITUTION OF ENGINEERS (INDIA) '73; M.E. MECHANICAL, OSMANIA'87.

SPECIALIZATIONS : INDUSTRIAL ENGINEERING; PRODUCTION ENGINEERING.

EXPERIENCE : INSPECTOR, S.R.P. TOOLS LTD., MADRAS, 1971-72; J.R.A. (MECHANICAL), R.D.S.O. (RAILWAYS), LUCKNOW, 1972-78; S.S.A. AND SCEINTIST B, IICT, HYDERABAD. 1978-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : MECHANICAL DESIGN FOR CHEMICAL PROCESSING PLANTS & PROJECT ENGINEERING WITH RESPECT TO CYANURIC CHLORIDE PILOT PLANT FOR M/S ATIC INDUSTRIES, BARODA.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 12, DESIGN - 4, PROJECT ENGINEERING - 2.

2783

SHRI S V S RAJU; (B. DECEMBER 5, 1949),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. MATHEMATICS - B.H.U. '74.

SPECIALIZATIONS : COMPUTER PROGRAMMING - FORTRAN, COBOL, dBASE AND BASIC; COMPUTER GRAPHICS.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1976-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PERSONAL INVENTORY OF IICT STAFF, STORES AND PURCHASE ACCOUNTING AND TECHNICAL JOBS OF P E C AND ADMINISTRATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 4, R & D MGMT. - 2, OPERATION - 6, TEACHING - 3.

2784

DR T RAMALINGAM; (B. MARCH 15, 1942),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '62; M.SC. ORGANIC CHEMISTRY - OSMANIA '64; PH.D. ORGANIC CHEMISTRY - OSMANIA '76.

SPECIALIZATIONS : SURFACE COATING MATERIALS; MEDICINAL CHEMISTRY; ORGANIC INTERMEDIATES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1965-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN MEDICINAL CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PATENTS TAKEN - 7, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12, PILOT PLANT - 1, TEACHING - 1.

2785

SHRI C P RAMULU; (B. DECEMBER 25, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH CHEMICAL ENGINEERING - OSMANIA '76; M.TECH. CHEMICAL ENGINEERING - KAKATIYA '78.

SPECIALIZATIONS : MODELLING AND SIMULATION OF AMMONIA PLANTS; COMPUTER AIDED DESIGN OF DISTILLATION ABSORBER AND HEAT EXCHANGER.

EXPERIENCE : S.R.F., RESEARCH ASSOCIATE AND SCIENTIST B, IICT, HYDERABAD, 1979-88; SCIENTIST C, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : SIMULATION OF CHEMICAL PLANTS. .

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 1, DESIGN - 2, CONSULTANCY - 3, COMPUTER PROCESSING - 5.

2786

DR(MRS) P USHA RANI; (B. JULY 18, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '75; M.SC. ZOOLOGY - KAKATIYA '77; PH.D. ENTOMOLOGY - OSMANIA '83.

SPECIALIZATIONS : PEST CONTROL; ENTOMOLOGICAL EVALUATION.

EXPERIENCE : J.R.F., S.R.F., P.D.F., RESEARCH ASSOCIATE AND SCIENTIST B, IICT, HYDERABAD, 1979-89; SCIENTIT C, IICT, HYDERABAD SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN ENTOMOLOGY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, ARTICLES - 1.

AWARDS & DISTINCTIONS : NANDI AWARD FOR THE BEST SCIENTIFIC DOCUMENTARY FILM-SCRIPT, A P STATE GOVT, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 3, DESIGN - 2, TESTING - 2.

2787

DR A BHASKAR RAO; (B. JANUARY 15, 1956),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '76; M.SC. BIOCHEMISTRY - OSMANIA '78; PH.D. PHARMACEUTICALS SCIENCES - KAKATIYA '83.

SPECIALIZATIONS : BIOCHEMISTRY; BIOCHEMICAL PHARMACOLOGY.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1984-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : RESEARCH

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, PATENTS TAKEN - 5.

AWARDS & DISTINCTIONS : SENIOR FELLOWSHIP AWARD EUROPEAN COMMUNITY "MARIE QURIE".

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5.

2788

SHRI B BHOOLOKA RAO; (B. JULY 30, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '78; M.TECH. CERAMIC ENGINEERING - OSMANIA '80.

SPECIALIZATIONS : GLASS AND CERAMICS; ENAMELS; HIGH TEMPERATURE MATERIALS.

EXPERIENCE : S.R.F. AND SCIENTIST B. IICT, HYDERABAD, 1981-89; SCIENTIST C, IICT, HYDERABAD SINCE JANUARY, 1989.

PRESENT ACTIVITIES : R & D IN CERAMICS AND MATERIALS SCIENCE; SYNTHESIS OF SILICON CARBIDE

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 4, PILOT PLANT - 4.

2789

DR B S RAO; (B. AUGUST 14, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - ANDHRA '75; M.SC. ORGANIC CHEMISTRY - ANDHRA '77; PH.D. POLYMER SCIENCE - I.I.T., DELHI '82.

SPECIALIZATIONS : HIGH TEMPERATURE POLYMERS; FIBER OPTIC SENSORS FOR BIOMEDICAL APPLICATIONS; VINYL ESTER COMPOSITE MATERIALS: FUNCTIONAL POLYMERS AND POLYMER MODIFICATION.

EXPERIENCE : RES. ASSOCIATE, IIT. DELHI, 1983-85; P D F, UNIVERSITE PIERR ET MARIE CURIE, PARIS VI, 1985-87; POOL OFFICER, N.C.L., PUNE, 1987-89; VISITING RES. ASSOCIATE, UNIVERSITY OF PITTSBURGH, USA, 1989-90; SCIENTIST C, IICT, HYDERABAD SINCE MAY, 1990.

PRESENT ACTIVITIES : POLYMER SCIENCE, POLYMER SYNTHESIS & MODIFICATION.

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH.

VISITED : FRANCE, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13.

2790

DR B VENKATASWARA RAO; (B. MAY 12, 1960),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - SRI VENKATESWARA '81; M.SC. CHEMISTRY - SRI KRISHNADEVARAYA '83; PH.D. ORGANIC CHEMISTRY - OSMANIA '90.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY; PROCESS DEVELOPMENT OF DRUGS; METHODOLOGIES.

EXPERIENCE : CHEMIST, N.C.L., PUNE, 1983-85; SCIENTIST B, IICT, HYDERABAD, 1989-90; P.D.F., DUKI UNIVERSITY, USA, 1990-92; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1992.

PRESENT ACTIVITIES : R & D IN SYNTHETIC ORGANIC CHEMISTRY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, OTHER - 1, PROCESSES DEVELOPED - 2.

2791

DR B VITTAL RAO; (B. MARCH 5, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '73; M.SC. ORGANIC CHEMISTRY - OSMANIA '75; PH.D. ORGANIC CHEMISTRY - KAKATIYA '81.

SPECIALIZATIONS : SYNTHETIC HETEROCYCLES OF BIOLOGICAL IMPORTANCE; DRUGS; PESTICIDES; ORGANIC INTERMEDIATES.

EXPERIENCE : LECTURER, S.R.R. GOVT. DEGREE COLLEGE, KARIMNAGAR, 1975-76; J.R.F., R.E.C., WARANGAL, 1976-79; S.S.A., I.D.P.L., HYDERABAD; 1979-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH IN AGROCHEMICALS/VITAMINS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 10, PILOT PLANT - 6, TEACHING - 3.

2792

SHRI D V MOHAN RAO; (B. APRIL 30, 1953),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '75; M.TECH. CHEMICAL ENGINEERING - ANDHRA '79.

SPECIALIZATIONS : PETROLEUM REFINING ENGINEERING; RHEOLOGICAL STUDIES; PETROCHEMICALS; CRUDE OIL TESTING.

EXPERIENCE : ASSTT. ENGINEER, S.R.P.M., KURNOOL, 1979-83; SCIENTIST B, IICT, HYDERABD, 1984-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : RHEOLOGICAL STUDIES OF VARIOUS CRUDE OILS AND POUR POINT DEPRESSANTS (PPDS).

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PAPERS PRESENTED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, CONSULTANCY - 1, OPERATION - 4, TESTING - 1, QUALITY CONTROL - 4, PRODUCTION - 4, IND. MGMT. - 2.

2793

DR G S TRIVIKRANA RAO; (B. AUGUST 12, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '74; M.SC. PHYSICS - SARDAR PATEL '78; PH.D. PHYSICS - SARDAR PATEL '83.

SPECIALIZATIONS : MATERIALS PREPARATION AND CHARACTERIZATION OF SINGLE CRYSTALS & CERAMICS; SENSORS IN GENERAL GAS AND CHEMICAL SENSORS IN PARTICULAR.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, CEERI, PILANI, 1984-92; SCIENTIST C, IICT, HYDERABAD SINCE NOVEMBER, 1992.

LANGUAGES : TELUGU, HINDI, ENGLISH.

2794

SHRI J S R KRISHNA RAO; (B. JANUARY 6, 1940),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMICS - BOARD OF TECHNICAL EDUCATION. ANDHRA '60.

SPECIALIZATIONS : POTTERIES; REFRACTORIES; GLASS; ENAMELS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1962-88; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE JUNE, 1988

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28, PILOT PLANT - 5.

2795

DR J VENKATESWARA RAO; (B. JULY 7, 1956),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '77; M.SC. ZOOLOGY - KAKATIYA '79; PH.D. ZOOLOGY - OSMANIA '83; RESEARCH SUPERVISOR ZOOLOGY - OSMANIA '92.

SPECIALIZATIONS : INHALATION TOXICITY OF PESTICIDES; BIOEVALUATION OF PESTICIDES; CONTROLLED RELEASE FORMULATIONS OF PESTICIDES; ENTOMOLOGY.

EXPERIENCE : J.R.F. AND S.R.F., IICT, HYDERABAD, 1980-82; SCIENTIST A AND SCIENTIST B, NCL, PUNE, 1982-88; SCIENTIST B, IICT, HYDERABAD, 1988-89; SCIENTIST C, IICT, HYDERABAD SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF INHALATION TECHNOLOGY FOR SCREENING PESTICIDES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENTS FILED - 1, PATENTS TAKEN - 1.

AWARDS & DISTINCTIONS : RAMAN RESEARCH FELLOWSHIP AWARD, 1994.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 9, TESTING - 13.

2796

DR K KAMESWARA RAO; (B. AUGUST 14, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGG. - WARANGAL '76; M.TECH. CHEMICAL ENGG. - I.I.T., KANPUR '78; M.ENGG. CHEMICAL ENGG. - CANADA '80; PH.D. CHEMICAL ENGG. - UNIVERSITY OF CALIFORNIA, USA '85.

SPECIALIZATIONS : MEMBRANE SEPARATIONS; COLLOID AND SURFACE PHENOMENA; CONTROLLED RELEASE TECHNOLOGY; MASS TRANSFER OPERATIONS.

EXPERIENCE : RES. ASST., IIT, KANPUR, 1977-78; TEACHING ASST., MCMASTER UNIV, CANADA, 1978-80; TEACHING ASST. AND ASSOC.-IN, UNIV OF CALIFORNIA, U S A, 1980-85; POST-DOCTRORAL RES. SCHOLAR, UNIV OF CINCINNATI, 1985-88; SCIENTIST C, IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT IN TRANSPORT PHENOMENA IN MEMBRANE SEPERATIONS.

LANGUAGES : TELUGU, HINDI, ENGLISH, FRENCH.

VISITED : U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 1, PAPER PRESENTED - 5, REVIEW - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 1, DESIGN - 1.

2797

SHRI K V S A RAO; (B. JULY 1, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '72; M.SC. ORGANIC CHEMISTRY - RAJASTHAN '74.

SPECIALIZATIONS : OILS AND FATS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1975-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, PATENTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 8, PILOT PLANT - 10.

2798

SHRI M G V CHALAPATI RAO; (B. OCTOBER 10, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '77; M.TECH. CHEM. ENGG. - OSMANIA '87.

SPECIALIZATIONS : PROCESS DEVELOPMENT & DESIGN.

EXPERIENCE : GRADUATE TRAINEE, IDPL, HYDERABAD, 1978-79; PRODUCTION & PLANNING ENGINEER, INTER POLYMERS (PVT.) LTD., HYDERABAD, 1979; PLANNING ENGINEER, KRISHNA ROCK DRILL, HYDERABAD, 1980; J.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD 1980-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, DESIGN - 5, PILOT PLANT - 2.

2799

SHRI N RAMA RAO; (B. OCTOBER 6, 1935),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : A.M.I.E. CIVIL ENGINEERING - INSTITUTION OF ENGINEERS, CALCUTTA '68.

SPECIALIZATIONS : IRRIGATION ENGINEERING; PUBLIC HEALTH ENGINEERING.

EXPERIENCE : WORKKS MISTRY, P.H. ENGG. DEPTT. GOVT. OF A.P., 1956-61; WORKS MISTRY AND JR. DRAFTSMAN, NEERI, NAGPUR, 1961-70; J.E., CSIR HQRS, 1970-72; S.S.A., NEERI, NAGPUR, 1972-75; A.C.E., CIVIL ENGINEERING AND ASSTT. EXECUTIVE ENGINEER, CSIR MADRAS COMPLEX, 1975-83; ASSTT. EXECUTIVE ENGINEER (B), IICT, HYDERABAD, 1983-86; TECHNICAL OFFICER (C), IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : CONSTRUCTION AND MAINTENANCE.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 32, MAINTENANCE - 32.

2800

DR P SHANTHAN RAO; (B. OCTOBER 10, 1953),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74; M.SC. CHEMISTRY - BHOPAL '76; PH.D. ORGANIC CHEMISTRY - OSMANIA '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PROCESS DEVELOPMENT OF DRUGS, PESTICIDES AND HETEROCYCLIC SYNTHESIS.

EXPERIENCE : S.S.A., I.D.P.L., HYDERABAD, 1981-84; SCIENTIST B, IICT, HYDERABAD, 1984-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT OF PESTICIDES & DRUGS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PROCESS DEVELOPED - 3, PATENTS FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND PILOT PLANT - (TOTAL: 10 YEARS).

2801

DR R NAGESWARA RAO; (B. JANUARY 15, 1955),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - OSMANIA '83; PH.D. CHEMISTRY - OSMANIA '90.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : GRADUATE TRAINEE, S.L.A. AND SCIENTIST B, IICT, HYDERABAD, 1976-89; SCIENTIST C, IICT, HYDERABAD SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : PHARMACEUTICAL ANALYSIS AND FUEL CHARACTERIZATION BY NMR SPECTROSCOPY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORT - 2.

AWARDS & DISTINCTIONS : IDMA RESEARCH AWARD FOR BEST PAPER IN PHARMACEUTICAL ANALYSIS, 1986; IICT YOUNG SCIENTIST AWARD FOR PUBLICATIONS IN VARIOUS JOURNALS, 1989-90.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, TESTING - 11, QUALITY CONTROL - 11.

2802

DR S PRAHLADA RAO; (B. JULY 1, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - SRI VENKATESHWARE '72; M.SC. ORGANIC CHEMISTRY - OSMANIA '74; PH.D. ORGANIC CHEMISTRY - I.I.SC., BANGALORE '81.

SPECIALIZATIONS : CARBOHYDRATE CHEMISTRY; NUCLEOSIDES; C-GLYCOSIDES; NMR SPECTROSCOPY.

EXPERIENCE : LECTURER, REGIONAL COLLEGE OF EDU., 1980-81; POST-DOCTORAL FELLOW, DALHOUSIE UNIV, CANADA, 1984-85; POST-DOCTORAL FELLOW, STATE UNIV OF NEW YORK, U.S.A., 1985-90; SCIENTIST C, IICT, HYDERABAD SINCE JULY, 1990.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH IN CARBOHYDRATES AND NUCLEOSIDES.

LANGUAGES : KANNADA, TELUGU, HINDI, ENGLISH.

VISITED : CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, TEACHING - 2.

2803

SHRI S SHAM RAO; (B. FEBRUARY 28, 1941),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.M.E. MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, ANDHRA '61.

SPECIALIZATIONS : FABRICATION AND INSTALLATION; ENGINEERING EQUIPMENTS MAINTENANCE.

EXPERIENCE : TRACER, S.L.A., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1962-84; TECHNICAL OFFICER (C), IICT SINCE AUGUST, 1984.

PRESENT ACTIVITIES : MAINTENANCE OF PILOT PLANT; SUPERVISION OF WORKSHOP, FABRICATION, FOUNDRY & SMITHY, PRODUCTION OF SPARE PARTS; MAINTENANCE OF WATER, STEAM, GAS AND AIR SECTIONS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN & DRAWING, MAINTENANCE - (TOTAL: 28 YEARS).

2804

SHRI S VENKATESHWAR RAO; (B. JANUARY 1, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '75; M.TECH. CHEMICAL ENGINEERING - OSMANIA '77.

SPECIALIZATIONS : CHEMICAL PLANT DESIGN.

EXPERIENCE : S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1978-86; SCIENTIST C, IICT HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN; PROCESS CONTROL AND INSTRUMENTATION; COMMISIONING OF COMMERCIAL PLANTS; HAZARD AND RISK ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 3, PILOT PLANT - 3, OPERATION - 1, PROCESS CONTROL AND INSTRUMENTATION - 2.

2805

SHRI V JAYATHIRTHA RAO; (B. JUNE 1, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '76; M.SC. ORGANIC CHEMISTRY - OSMANIA '78; PH.D. ORGANIC CHEMISTRY - I.I.SC. '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ORGANIC PHOTOCHEMISTRY; APPLIED CHEMISTRY; PHOTOBIOLOGY.

EXPERIENCE : R.A., DEPT. OF CHEMISTRY, UNIV. OF HAWAII, HONOLULU, 1983-84; R.A., DEPT. OF CHEMISTRY, COLUMBIA UNIV., WIIRZBURG, 1985-87; POOL OFFICER AND SCIENTIST B, IICT, HYDERABAD, 1987-89; SCIENTIST C, IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : TELUGU, ENGLISH, HINDI, KANNADA.

VISITED : U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 18; PROCESS DEVELOPED - 2.

AWARDS & DISTINCTIONS : BEST PAPER AWARD, INDIAN CHEMICAL SOCIETY, 1981.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12; APP. RES. - 3.

2806

SHRI K JEEVA RATNAM; (B. APRIL 6, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '79; M.SC. CHEMISTRY - OSMANIA '81.

SPECIALIZATIONS : INORGANIC COORDINATION CHEMISTRY; CATALYSIS.

EXPERIENCE : J.R.F., NIZAM COLLEGE, HYDERABAD, 1982-84; SCIENTIST B, IICT, HYDERABAD, 1984-89; SCIENTIST C, IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS & PROCESS DEVELOPMENT IN INORGANIC CHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6.

2807

SHRI G RAVINDRANATH; (B. JANUARY 14, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL - MYSORE '74.

SPECIALIZATIONS : INDUSTRIAL AND PRODUCTION ENGINEERING.

EXPERIENCE : MECHANICAL ENGINEER, THE ANDHRA PRADESH PAPER MILLS LTD., RAJAHMUNDRY, A.P., 1975-77; S.T.A. AND SCIENTIST B, IICT, HYDERABAD, 1977-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : APPLIED RESEARCH IN COAL GASIFICATION.

LANGUAGES : TELUGU, HINDI, KANNADA, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 6, OPERATION AND MAINTENANCE - 10.

2808

SHRI K RAVINDRANATH; (B. JUNE 5, 1959),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '79; M.SC.(TECH). APPLIED PHYSICS (PROCESS INSTRUMENTATION) - ANDHRA '82.

SPECIALIZATIONS : PROCESS INSTRUMENTATION.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1984-89; SCIENTIST C, IICT, HYDERABAD OCTOBER, 1989.

PRESENT ACTIVITIES : DEVELOPMENT, SERVICE & MAINTENANCE OF PROCESS CONTROL INSTRUMENTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 3, OPERATION - 3, TESTING - 5, MAINTENANCE - 5.

2809

DR(MRS) MEHBOOB RAZVI; (B. OCTOBER 9, 1939),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MARATHWADA '61; M.SC. ORGANIC CHEMISTRY - MARATHWADA '63; PH.D. ORGANIC CHEMISTRY - MARATHWADA '75.

SPECIALIZATIONS : MINERALS ANALYSIS; SYNTHESIS OF ORGANIC COMPOUNDS; PESTICIDES FORMULATION.

EXPERIENCE : JUNIOR LECTURER, MAULANA AZAD COLLEGE, AURANGABAD, 1963-65; LECTURER, MUMTAZ COLLEGE, HYDERABAD, 1965-66; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1966-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : SLOW-RELEASE PESTICIDES FORMULATION TECHNOLOGY.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 14, QLTY. CONTROL - 4, TEACHING - 2.

2810

DR B MAHIPAL REDDY; (B. MARCH 1, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '79; M.SC. PHYSICAL CHEMISTRY - KAKATIYA '81; PH.D. PHYSICAL CHEMISTRY - OSMANIA '86.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1984-88; (ALSO HIGHER STUDIES IN CATALYSIS, INSTITUTE OF CATALYSIS, NOVOSIBIRSK, U.S.S.R., 1984); SCIENTIST C, IICT, HYDERABAD SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 2.

2811

SHRI G NARSIMHA REDDY; (B. JANUARY 26, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74; M.SC. ORGANIC CHEMISTRY - GUJARAT '78.

SPECIALIZATIONS : PESTICIDES.

EXPERIENCE : J.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1980-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT OF PESTICIDES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

2812

MRS USHA VIRENDRA REDDY; (B. APRIL 18, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '79; M.TECH. CHEMICAL ENGINEERING - OSMANIA '81.

SPECIALISATIONS : PROCESS DYNAMICS AND CONTROL; PHYSICAL, THERMODYNAMIC AND TRANSPORT PROPERTIES EVALUATION.

EXPERIENCE : DESIGN ENGINEER, CHEMICAL DESIGN COMPANY,HYDERABAD, 1982-83; SCIENTIST B, IICT, HYDERABAD, 1983-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : PHYSICAL, THERMODYNAMIC AND TRANSPORT PROPERTIES EVALUATION.

LANGUAGES : KANNADA, HINDI, TELUGU, TAMIL.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 1, DESIGN - 1.

2813

MRS SAKTIMAYEE MITRA ROY; (B. JANUARY 17, 1954),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - JADAVPUR '75; M.SC. CHEMISTRY - JADAVPUR '77.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., CHITTARANJAN NATIONAL CANCER RESEARCH CENTRE, CALCUTTA, 1978-80; S.S.A., SCIENTIST A AND SCIENTIST B, IICT, HYDERABAD, 1980-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH ON ANTIBIOTICS, AGROCHEMICALS AND PESTICIDES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5.

2814

DR SUJIT ROY; (B. JUNE 6, 1959),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - NORTH BENGAL '78; M.SC. INORGANIC CHEMISTRY - NORTH BENGAL '80; PH.D. ORGANOMETALLIC CHEMISTRY - I.I.T., KANPUR '86.

SPECIALISATIONS : ORGANOMETALLIC CHEMISTRY.

EXPERIENCE : RES. ASSOC., I.I.T. KANPUR, 1987; POST DOCTORAL FELLOW, UNIVERSITY OF WESTERN, CANADA '87-90. SCIENTIST C, D.R.D.O., KANPUR, 1990-91; SCIENTIST C, IICT, HYDERABAD SINCE JULY, 1991.

PRESENT ACTIVITIES : R & D IN ORGANOMETALLIC AND BIOINORGANIC CHEMISTRY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, TECH. REPORTS - 1, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : S K MAJUMDAR MEMORIAL SILVER MEDAL, N B UNIVERSITY, 1978.

2815

DR SUJIT ROY; (B. MAY 15, 1952),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : PH.D. ORGANOMETALLIC CHEMISTRY - I.I.T., KANPUR '87.

SPECIALISATIONS : ORGANOMETALLIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSOCIATE, CSIR, 1987; POST DOCTORAL FELLOW, CANADA, 1987-90; SCIENTIST C, I.I.C.T. SINCE JUNE, 1991.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECHNICAL REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : 14.

2816

SHRI THOMAS SAMUEL; (B. JUNE 19, 1951),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - KERALA '71; A.M.I.I.CHEM.ENGG. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '80; M.TECH. CHEMICAL ENGINEERING - OSMANIA '85.

SPECIALIZATIONS : REACTION ENGINEERING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B. IICT, HYDERABAD, 1972-88; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, TELUGU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, TESTING - 10, QUALITY CONTROL - 10, PROCESS DEVELOPMENT - 5.

2817

DR J A R P SARMA; (B. MAY 10, 1957),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - NAGARJUNA '78; M.SC. ORGANIC CHEMISTRY - NAGARJUNA '80; PH.D. SOLID STATE ORGANIC CHEMISTRY - NAGARJUNA '86. SPECIALIZATIONS: SOLID STATE CHEMISTRY.

EXPERIENCE : P D.F., BEN-GURION UNIV, ISRAEL, 1987-88; P D F, ETH, ZURICH, SWITZERLAND, 1988-90; SCIENTIST C, IICT, HYDERABAD. SINCE APRIL, 1990. VISITED: ISRAEL, SWITZERLAND.

2818

SHRI B SHANKARAIAH; (B. MAY 1, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.TECH. CHEMICAL ENGINEERING - OSMANIA '79.

SPECIALIZATIONS : ORGANIC INTERMEDIATES.

EXPERIENCE : J.S.A., E.R.D.L., POONA, 1974-77; S.S.A. AND SCIENTIST B. IICT, HYDERABAD. 1977-86; (ALSO LECTURER OSMANIA UNIVERSITY, 1981-83); SCIENTIST C. IICT. HYDERABAD SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT OF ORGANIC INTERMEDIATES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PILOT PLANT - 10, TEACHING - 2.

2819

DR G V MADHAVA SHARMA; (B. FEBRUARY 5, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '76; M.SC. CHEMISTRY - OSMANIA '79; PH.D. CHEMISTRY - PUNE '84.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : POSTDOCTORAL FELLOW, NTSU, DENTON, TX. USA, 1985-86; SCIENTIST B, IICT, HYDERABAD, 1987-91; SCIENTIST C. IICT, HYDERABAD SINCE MAY. 1991.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A., U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 28.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES - 2.

2820

DR(MRS) MEERA M SHETTY; (B. NOVEMBER 10, 1938),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - BOMBAY 64; M.SC. ORGANIC CHEMISTRY - BOMBAY '76; PH.D. ORGANIC CHEMISTRY - BOMBAY '88.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B. IICT, HYDERABAD, 1965-86; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY. 1986.,

PRESENT ACTIVITIES : R & D.

LANGUAGES : KANNADA, MARATHI, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24. TESTING - 2.

2821

SHRI S SHIRADKAR; (B. SEPTEMBER 25, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. ELECTRONICS - OSMANIA '81.

SPECIALIZATIONS : COMPUTER ORGANISATION: POWER SYSTEMS: DIGITAL ELECTRONICS.

EXPERIENCE : TRAINEE. HAL. HYDERABAD. 1981-82; SCIENTIST B. ISRO. BANGALORE. 1982-83: SCIENTIST B. IICT. HYDERABAD. 1983-88: SCIENTIST C. IICT. HYDERABAD SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : MAINTENANCE OF ANALYTICAL INSTRUMENTS.

LANGUAGES : MARATHI, TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 5.

2822

DR K SHIVAJI; (B. JUNE 6, 1947),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '70; M.E. CHEMICAL ENGINEERING - B.I.T.S. '72; PH.D. CHEMICAL ENGINEERING - I.I.T., BOMBAY '78.

SPECIALIZATIONS : MASS TRANSFER; FLUID MECHANICS.

EXPERIENCE : POOL OFFICER. H.O.C.L., 1978-79; POSTDOCTORAL FELLOW, UNIVERSITY OF CANTERBURY. NEW ZEALAND. 1979-81; RESEARCH ASSOCIATE. I.I.SC., BANGALORE. 1982-83; SCIENTIST B. IICT, HYDERABAD. 1983-89; SCIENTIST C. IICT. HYDERABAD SINCE MAY. 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU. HINDI. ENGLISH, RUSSIAN, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11. APP. RES. - 7.

2823

DR M K J SIDDIQUI; (B. DECEMBER 25, 1957),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. LUCKNOW '75; M.SC. BIOCHEMISTRY - LUCKNOW '77; PH.D. BIOCHEMISTRY - LUCKNOW '84.

SPECIALIZATIONS : BIOCHEMICAL TOXICOLOGY OF PESTICIDES; BIOCHEMISTRY; BIOLOGICAL MONITORING OF PESTICIDES; ENVIRONMENTAL TOXICOLOGY OF PESTICIDES.

EXPERIENCE : SCIENTIST B. IICT. HYDERABAD. 1983-88: SCIENTIST C. IICT. HYDERABAD SINCE JUNE. 1988.

PRESENT ACTIVITIES : BIOCHEMICAL TOXICOLOGY OF PESTICIDES.

LANGUAGES : URDU. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 40.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 10. APP. RES. - 10.

2824

MRS K SITADEVI; (B. MARCH 14, 1951),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '70; M.SC. - ORGANIC CHEMISTRY - OSMANIA '72.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : J.S.A. AND SCIENTIST B, IICT, HYDERABAD 1975-86; SCIENTIST C. IICT. HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN OILS AND FATS.

LANGUAGES : ENGLISH, TELUGU, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PATENTS FILED - 1, PAPERS COMMUNICATED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 16.

2825

DR B S SITARAMAM; (B. DECEMBER 22, 1950),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '71; B.SC. (TECH.) OILS. FATS AND WAXES - NAGPUR '77; M.TECH. PAINTS, PIGMENTS AND VARNISHES - NAGPUR '79; PH.D. ENGG & TECH '88.

SPECIALIZATIONS : PAINTS, PIGMENTS AND VARNISHES.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, IICT, HYDERABAD, 1979-86: SCIENTIST C, IICT. HYDERABAD SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

AWARDS & DISTINCTIONS : DR S HUSSAIN ZAHEER GOLD MEDAL, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 4.

2826

DR L V SIVAJI; (B. APRIL 20, 1950),

SCIENTIST C. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '74: M.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '76: PH.D. CHEMICAL ENGINEERING - I.I.T., MADRAS '86.

SPECIALIZATIONS : TWO PHASE FLOW; CHEMICAL PLANT DESIGN: BOILING HEAT TRANSFER.

EXPERIENCE : S.R.F., I.I.T.. MADRAS, 1976-80; SCIENTIST B. IICT. HYDERABAD. 1983-88: SCIENTIST C. IICT. HYDERABAD SINCE APRIL. 1988.

PRESENT ACTIVITIES : CHEMICAL PLANT DESIGN; PROCESS DEVELOPMENT.

LANGUAGES : TELUGU. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8. DESIGN - 6, PROCESS DEVELOPMENT - 1.5.

2827

DR R SRINIVAS; (B. JULY 28, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '77; M.SC. CHEMISTRY - OSMANIA '79: PH.D. ORGANIC MASS SPECTROMETRY - I.I.T.. MADRAS '85.

SPECIALIZATIONS : ORGANIC MASS SPECTROMETRY.

EXPERIENCE : SCIENTIST B. IICT. HYDERABAD. 1984-89; SCIENTIST C. IICT. HYDERABAD SINCE DECEMBER, 1989: (ALSO DAAD FELLOW. W.GERMANY. 1989-91).

PRESENT ACTIVITIES : RESEARCH IN MASS SPECTROMETRY; OPERATION AND MAINTENANCE OF MASS SPECTROMETER.

LANGUAGES : TELUGU. HINDI. ENGLISH.

VISITED : E. GERMANY. W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 28.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10. OPERATION - 10.

2828

DR T N SRINIVASAN; (B. AUGUST 15, 1948),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '67; M.SC. ORGANIC CHEMISTRY - KARNATAK '80; PH.D. BIO ORGANIC CHEMISTRY - KARNATAK '88.

SPECIALIZATIONS : ORGANIC CHEMISTRY: MEDICINAL CHEMISTRY; BIOORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSTT., GANDHI MEDICAL COLLEGE & HOSPITAL. SECUNDERABAD. 1968-81; J.L.A., S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B. IICT, HYDERABAD. 1972-88; SCIENTIST C. IICT. HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL. TELUGU, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 6.

2829

SHRI R K VENKATARAMANA; (B. APRIL 13, 1949),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.E. ELECTRONICS & COMMUNICATION - MADRAS '74; P.G. MANAGEMENT DECISION - MADRAS '76: COURSE IN MICROPROCESSOR FUNDAMENTALS & APPLICATION - INSTRUMENT SOCIETY OF INDIA. HYDERABAD: PRACTICAL COURSE IN LIQUID CHROMATOGRAPHY - U.K. '80.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION.

EXPERIENCE : SERVICE ENGINEER, TOSHNIWAL BROS. PVT. LTD., MADRAS. 1976-77; S.S.A., SCIENTIST B, IICT, HYDERABAD. 1977-89: (ALSO TRAINING IN OPERATION OF QUADRUPOLE MASS SPECTROMETER, SWITZERLAND AND W.GERMANY, JULY, 1982 AND TRAINING COURSE IN LIQUID CHROMATOGRAPHY AT WATERS ASSOCIATES, UK, 1980); SCIENTIST C, IICT, HYDERABAD SINCE DECEMBER, 1989:

PRESENT ACTIVITIES : DEVELOPMENT, SERVICE AND MAINTENANCE OF ANALYTICAL AND ELECTRONIC INSTRUMENTS INCLUDING PILOT PLANT PROCESS CONTROL INSTRUMENTS.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

VISITED : SWITZERLAND, W. GERMANY, U.K.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 4, OPERATION - 12, TESTING - 14, MAINTENANCE - 14.

2830

DR Y VENKATESWARLU; (B. JUNE 10, 1958),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '76; M.SC. ORGANIC CHEMISTRY - ANDHRA '79; PH.D. ORGANIC CHEMISTRY - ANDHRA '85.

SPECIALIZATIONS : NATURAL PRODUCTS SYNTHESIS; NATURAL PRODUCTS ISOLATION AND CHARACTERISATION.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1988-92; SCIENTIST C, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

2831

DR(MRS) P VIJAYALAKSHMI; (B. DECEMBER 31, 1953),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '75; M.SC. CHEMISTRY - OSMANIA '78; PH.D. CHEMISTRY - OSMANIA '86; DIPLOMA GERMAN LANGUAGE - C.I.E.F.L., HYDERABAD '80.

SPECIALIZATIONS : OIL-BASED SURFACTANTS.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD, 1983-88: SCIENTIST C, IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : R & D IN OILS AND FATS.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 6, PILOT PLANT - 12.

2832

DR V VISHWANATHAN; (B. MAY 2, 1950),

SCIENTIST C, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - POONA '72; M.SC. CHEMISTRY - POONA '74; PH.D. CATALYSIS - UNIVERSITY OF BRADFORD, U.K. '78; HIGHER LEVEL DIPLOMA SC & TECH. - BITS, PILANI '90.

SPECIALIZATIONS : HETEROGENEOUS CATALYSIS.

EXPERIENCE : POST-DOCTORAL FELLOW, UNIV. OF ST. ANDREWS, SCOTLAND, 1978-79; RESEARCH ASSOCIATE, UNIV. LAKEHEAD, CANADA, 1980-81; LECTURER, UNIV. WEST INDIES, JAMAICA, 1981-84; POOL OFFICER AND SCIENTIST B, IICT, HYDERABAD. 1984-92; SCIENTIST C, IICT, HYDERABAD SINCE MARCH, 1992.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT IN AMMONIA SYNTHESIS USING NON- CONVENTIONAL METAL SUPPORTED CATALYSIS.

LANGUAGES : TAMIL, HINDI, MARATHI, ENGLISH.

VISITED : U.K., CANADA, JAMAICA.

PUBLICATIONS & PATENTS : RES. PAPERS - 32, TECH. REPORTS - 3, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 8.

2833

DR I A ANSARI; (B. JUNE 11, 1955),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS.) - A.M.U. '76; M.SC. ORGANIC CHEMISTRY - A.M.U. '78; M.PHIL ORGANIC CHEMISTRY - A.M.U. '79; PH.D. ORGANIC CHEMISTRY - A.M.U. '83.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; REACTION MECHANISM; SPECTROSCOPY; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD SINCE JULY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT OF DRUGS.

LANGUAGES : URDU, HINDI, PERSIAN, ARABIC, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 5.

2834

SHRI P NARAYANA CHAR; (B. JULY 1, 1938),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '62; ELECTRONIC INSTRUMENTATION TRAINING COURSE - HYDERABAD SCIENCE SOCIETY '67; PRODUCTION MANAGEMENT COURSE - S.I.S.I., HYDERABAD '65; INDUSTRIAL MINEROLOGY COURSE - I.I.T., BOMBAY '79.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION; THERMAL ANALYSIS.

EXPERIENCE : SCIENCE ASSTT., S.V.S.S. HIGH SCHOOL, KURNOOL, 1962-63; J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1963-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : THERMAL ANALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. & APP. RES. - 17, PILOT PLANT - 10, TEACHING - 1.

2835

SHRI C P DUBE; (B. SEPTEMBER 13, 1941),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. ORGANIC CHEMISTRY - SAUGAR '64; M.SC. (TECH) PAINTS AND VARNISHES - AGRA '65.

SPECIALIZATIONS : PAINTS AND VARNISHES.

EXPERIENCE : S.S.A. AND J.S.O./SCIENTIST A, IICT, HYDERABAD, 1965-75; SCIENTIST B, IICT, HYDERABAD SINCE SEPTEMBER, 1975.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT, TESTING, QLTY. CONTROL AND PLANNING (TOTAL 17 YEARS).

2836

SHRI C EFREM; (B. JUNE 3, 1951),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADURAI '72; CERTIFICATE IN PAPER TECHNOLOGY - HANDMADE PAPER INSTT., POONA '73.

SPECIALIZATIONS : PULP AND PAPER TECHNOLOGY.

EXPERIENCE : ASSTT. CHEMIST, HANDMADE PAPER INSTITUTE, POONA, 1974-80; S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1980-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN PULP AND PAPER & MINI PAPER PLANT.

LANGUAGES : MALAYALAM, HINDI, TAMIL, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TECHNICAL DEV. - 9, PILOT PLANT - 10, TESTING - 16, CONSULTANCY - 6.

2837

DR(MISS) PARAMJIT GROVER; (B. AUGUST 5, 1956),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '78; M.SC. ZOOLOGY - DELHI '84; PH.D. ZOOLOGY - OSMANIA '89.

SPECIALISATIONS : TOXICOLOGICAL EVALUATION OF PESTICIDES; STUDY OF NATURAL PRODUCTS AS INSECT CONTROL AGENTS.

EXPERIENCE : J.L.A., J.T.A. AND S.T.A., IICT, HYDERABAD, 1979-92; SCIENTIST B, IICT, HYDERABAD SINCE MARCH, 1992.

PRESENT ACTIVITIES : RESEARCH ON INHIBITORS OF INSECT GROWTH AND REPRODUCTION DERIVED FROM NATURAL PRODUCTS.

LANGUAGES : HINDI, PUNJABI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 12, APPLIED RESEARCH - 12.

2838

SHRI AHMED HUSSAIN; (B. JULY 12, 1947),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '70.

SPECIALIZATIONS : X-RAY AND ESR ANALYSIS.

EXPERIENCE : TECHNICAL OFFICER (A), IICT, HYDERABAD, 1973-90; SCIENTIST B, IICT, HYDERABAD SINCE JULY, 1990.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : 7.

AWARDS & DISTINCTIONS : BEST WORKER AWARD, IICT, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : 21.

2839

MRS TAHERA ISHRAT; (B. APRIL 1, 1937),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59

SPECIALIZATIONS : ENTOMOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1964-88; SCIENTIST B, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN ENTOMOLOGY.

LANGUAGES : URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. 20.

2840

MRS NAHEED SULTANA JAHAN; (B. DECEMBER 1, 1937),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; DIP. IN DIET - CALCUTTA '61.

SPECIALIZATIONS : ENTOMOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1966-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN ENTOMOLOGY.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, TESTING - 15.

2841

SHRI M KALEEMUDDIN; (B. JULY 5, 1944),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '64.

SPECIALIZATIONS : CHEMICAL AND INSTRUMENTAL ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1965-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : CHEMICAL AND INSTRUMENTAL ANALYSIS; QUALITY CONTROL.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT, OPERATION AND QUALITY CONTROL - (TOTAL: 25 YEARS).

2842

SHRI M KAREEMUDDIN; (B. APRIL 29, 1936),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : ELECTRICAL TRADE COURSE-I.T.I., HYDERABAD '53; ELECTRICAL SUPERVISORS CERTIFICATE - GOVT. LICENCING BOARD '63.

EXPERIENCE : TECHNICAL OFFICER (A), IICT, HYDERABAD, 1984-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE JUNE, 1989.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION AND MAINTENANCE (TOTAL: 32 YEARS).

2843

SHRI M RADHA KRISHNA; (B. MAY 8, 1960),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - OSMANIA '83.

SPECIALIZATIONS : DESIGN OF CENTRIFUGAL COMPRESSORS; BASIC PROGRAMMING.

EXPERIENCE : WORKED ON A PROJECT ON CONTRACT BASIS, IICT, HYDERABAD, 1984-87; SCIENTIST B, IICT, HYDERABAD SINCE DECEMBER , 1987.

PRESENT ACTIVITIES : MECHANICAL DESIGN OF PROCESS EQUIPMENTS.

LANGUAGES : TELUGU, HINDI, GERMAN.

2844

SHRI P RADHA KRISHNA; (B. JUNE 19, 1959),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2845

SHRI A KRISHNAIAH; (B. DECEMBER 8, 1966),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '87; M.SC. ORGANIC CHEMISTRY - OSMANIA '89.

SPECIALIZATIONS : SYNTHESIS OF ORGANIC INTERMEDIATES; DRUGS AND PESTICIDES.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF INTERMEDIATES FOR PESTICIDES, DRUGS AND AGRO CHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, PILOT PLANT - 1.

2846

SHRI Y KRISHNUDU; (B. JUNE 1, 1944),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL ENGINEERING - ANDHRA PRADESH '66.

SPECIALIZATIONS : ELECTRICAL ENGINEERING.

EXPERIENCE : J.M.A., S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1976-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE JULY, 1989.

PRESENT ACTIVITIES : MAINTENANCE & OPERATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTNANCE AND OPERATION - 21.

2847

SHRI D VIJAYA KUMAR; (B. DECEMBER 25, 1963),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - SRI VENKATESWARA '83; M.SC. ANALYTICAL CHEMISTRY - SRI VENKATESWARA '85; M.PHIL ANALYTICAL CHEMISTRY - SRI VENKATESWARA '87

SPECIALISATIONS : SPECTROPHOTOMETRIC ANALYSIS; CHROMATOGRAPHIC ANALYSIS.

EXPERIENCE : SCIENTIST B, I.T.R.C., LUCKNOW, 1987-88; SCIENTIST B, N.E.E.R.I., NAGPUR 1990-91; SCIENTIST B, IICT, HYDERABAD SINCE JANUARY, 1991.

PRESENT ACTIVITIES : COORDINATION, OPERATION AND TESTING OF ANALYTICAL INSTRUMENTS, GAS LIQUID CHROMATOGRAPH, INFRARED SPECTROPHOTOMETER AND

UV-VISIBLE SPECTROPHOTOMETER IN ORGANIC DIVISION-III.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : 5 .

2848

SHRI K ASHOK KUMAR; (B. APRIL 25, 1959),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. AGRICULTURE - B.H.U. '81; M.SC. HORTICULTURE - B.H.U. '83.

SPECIALIZATIONS : HORTICULTURE (FLORICULTURE); LANDSCAPE GARDENING; PLANT PROPOGATION; FRUITS AND VEGETABLE FARMING; ORCHARD MANAGEMENT; NURSERY MANAGEMENT; PEST AND DISEASE MANAGEMENT.

EXPERIENCE : PRODUCT EXECUTIVE, NUZIVEEDU SEEDS, GUNTUR, 1984-85; MARKETING OFFICER, NAGARJUNA AGRO & STEEL CORPORATION VIJAYAWADA, 1985-86; AGRI. MANAGER, MADDI LAKSHMAIAH & COMPANY, CHILAKALURIPETA, 1987-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1989.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNO-ECO. SURVEYS - 4, PLANNING - 4, EXTENSION - 2, SALES MARKETING - 2, ADMINISTRATION - 6, LANDSCAPE HORT - 4.

2849

SHRI C R MANI; (B. JANUARY 18, 1936),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.A. - OSMANIA '65.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., AND SCIENTIST A, IICT, HYDERABAD, 1962-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : INSTRUMENTAL ANALYSIS.

LANGUAGES : TAMIL, HINDI, TELUGU, URDU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 3, PATENTS TAKEN - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNICAL DEV. - 1, OPERATION - 19, TESTING - 1, TECHNO-ECONOMIC SURVEYS - 2.

2850

DR H M MESHRAM; (B. APRIL 10, 1957),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - NAGPUR '80; M.SC. ORGANIC CHEMISTRY - NAGPUR '82; M.PHIL CHEMISTRY - NAGPUR '83; PH.D. - NAGPUR '87.

SPECIALIZATIONS : ORGANIC CHEMISTRY: SYNTHESIS OF GLUCOSYLATED COMPOUNDS.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : R & D IN ORGANIC CHEMISTRY (PROCESS DEVELOPMENT).

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS TAKEN - 8, PATENT FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : R & D - 4.

2851

SHRI D V R MURTHY; (B. JANUARY 2, 1961),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.E. MECH. ENGG. - OSMANIA '84; M.E. MECH. ENGG. - DELHI '86.

SPECIALISATIONS : PRODUCTION ENGINEERING.

EXPERIENCE : RESEARCH FELLOW AND SCIENTIST B, C.M.E.R.I., DURGAPUR, 1988-92; SCIENTIST B, IICT, HYDERABAD SINCE JANUARY, 1988.

LANGUAGES : TELUGU, HINDI, BENGALI, ENGLISH.

2852

SHRI K NAGAIAH; (B. JUNE 2, 1966),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '86; M.SC. ORGANIC CHEMISTRY - OSMANIA '88.

EXPERIENCE : RES. SCHOLAR, OSMANIA UNIVERSITY, 1988-92; SCIENTIST B, IICT, HYDERABAD SINCE MARCH, 1992.

2853

SHRI R NARENDER; (B. NOVEMBER 18, 1955),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '71; M.SC. ORGANIC CHEMISTRY - OSMANIA '81.

SPECIALIZATIONS : PESTICIDES; AGROCHEMICALS.

EXPERIENCE : JUNIOR LECTURER, TAGORE'S HOME JR. COLLEGE AND GOVT. JR. COLLEGE, SECUNDERABAD, 1981-86; SCIENTIST B, IICT, HYDERABAD SINCE JULY, 1986.

PRESENT ACTIVITIES : RESEARCH IN AGROCHEMICALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, TEACHING - 5.

2854

SHRI R NARSIMHA; (B. FEBRUARY 4, 1951),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74.

SPECIALISATIONS : CHEMISTRY.

EXPERIENCE : S.T.A., T.A. (GR.VIII), S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD, 1977-92; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE OF H.P.L.C.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATIONS - 26, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL : 17).

2855

SHRI C S N PRASAD; (B. JUNE 27, 1948),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - J.N.T.U. HYDERABAD '89.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT. HYDERABAD, 1973-90; SCIENTIST B, IICT HYDERABAD SINCE AUGUST, 1990.

2856

SHRI V S KISHAN PRASAD; (B. APRIL 30, 1953),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - OSMANIA '74; M.SC. ORGANIC CHEMISTRY - OSMANIA '84; PH.D. POLYMER CHEMISTRY - OSMANIA '92.

SPECIALISATIONS : POLYMER CHEMISTRY; RESINS AND VARNISHES.

EXPERIENCE : JR. CHEMIST, GANGAPPA CABLES LTD., HYDERABAD, 1974-77; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PRODUCTION AND R & D OF RESINS AND VARNISHES.

2857

SHRI M RAGHUVIR; (B. SEPTEMBER 26, 1949),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, ANDHRA PRADESH '71; DIPLOMA IN MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, ANDHRA PRADESH '74.

SPECIALIZATIONS : DESIGN AND DRAUGHTING OF CHEMICAL PROCESS PLANTS.

EXPERIENCE : SR. DRAUGHTSMAN, S.T.A. AND SCIENTIST A, IICT, 1975-87; SCIENTIST B, IICT, HYDERABAD SINCE JANUARY, 1987.

PRESENT ACTIVITIES : PLANNNING COORDINATION & LIAISION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN AND PILOT PLANT (TOTAL 13 YEARS).

2858

SHRI K RAJAGOPALAN; (B. SEPTEMBER 10, 1938),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '59; CERTIFICATE IN PAPER TECHNOLOGY - FOREST RESEARCH INSTITUTE, DEHRADUN '71.

SPECIALIZATIONS : PULP AND PAPER TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1963-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN PULP AND PAPER.

LANGUAGES : TELUGU, TAMIL, KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, TECHNICAL DEV. - 10, PILOT PLANT - 15, CONSULTANCY - 13, PLANT CONSTRUCTION - 5, TESTING - 24.

2859

SHRI T RAJIAH; (B. JANUARY 4, 1948),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. OSMANIA '71; M.SC. APPLIED CHEMISTRY - OSMANIA '85; L.L.B. - OSMANIA '80.

SPECIALIZATIONS : SUGAR TECHNOLOGY; PROCESS DEVELOPMENT OF ORGANIC INTERMEDIATES.

EXPERIENCE : S.L.A., J.S.A. AND SCIENTIST B, IICT HYDERABAD, 1977-91; SCIENTIST C, IICT HYDERABAD SINCE JUNE, 1991.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND PREPARATION OF CATALYST FOR THE AMMONIA SYNTHESIS AND CHLORO FLOURO CARBONS SUBSTITUTES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES. - 16.

2860

SHRI C RAMA CHANDRA RAJU; (B. APRIL 15, 1948),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CHEMICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION ORISSA '68.

SPECIALIZATIONS : PROCESS CONTROL AND INSTRUMENTATION.

EXPERIENCE : GRAD. APPRENTICE, J.L.A., S.L.A., S.S.A. AND SCIENTIST A, IICT, 1969-87; TECHNICAL OFFICER (B), IICT, HYDERABAD, SINCE JANUARY, 1987.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING; PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN & ENGINEERING - 17, PILOT PLANT - 7, TROUBLE SHOOTING & COMMISSIONING - 7, TESTING - 8.

2861

DR K V S N RAJU; (B. AUGUST 1, 1955),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - OSMANIA '84; PH.D. CHEMISTRY - OSMANIA '90.

EXPERIENCE : S.L.A., J.S.A, S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1977-92; (ALSO DAAD FELLOW, DAAD, GERMANY, 1987-89); SCIENTIST B, IICT, HYDERABAD SINCE MARCH, 1992.

2862

DR N PRASADA RAJU; (B. JULY 10, 1958),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - ANDHRA '78; M.SC. ORGANIC CHEMISTRY - OSMANIA '86; PH.D. ANALYTICAL/ORGANIC CHEMISTRY - OSMANIA '93.

SPECIALIZATIONS : ANALYTICAL/ORGANIC CHEMISTRY; OILS AND FATS.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., R.R.L., HYDERABAD, 1980-89; TECHNICAL OFFICER (A), IICT, HYDERABAD 1989-92; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1992.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATIONS & PATENTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : 15.

2863

SHRI DHULIPUDI RAMAKRISHNA; (B. DECEMBER 20, 1952),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECH. ENGG - BOARD OF TECHNICAL EDUCATION A.P. '73

EXPERIENCE : TRACER, SR. DRAFTSMAN, S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD, 1975-88; SCIENTIST B, IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : DESIGN, DRAFTING & DEVELOPMENTAL WORK ON CAD.

LANGUAGES : TELUGU, HINDI, ENGLISH.

AWARDS & DISTINCTIONS : MERIT AWARD FOR SIGNIFICANT CONTRIBUTION, IICT, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN DRAFTING - 15.

2864

SHRI UDAY RANGREZ; (B. FEBRUARY 8, 1957),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, ANDHRA PRADESH '76.

EXPERIENCE : SR. DRAUGHTSMAN AND S.T.A., IICT, 1977-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1988.

PRESENT ACTIVITIES : DRAUGHTING THROUGH THE AID OF COMPUTER (CAD) AND PROGRAMING FOR GRAPHICS.

LANGUAGES : HINDI, URDU, ENGLISH.

AWARDS & DISTINCTIONS : MERIT AWARD FOR SIGNIFICANT CONTRIBUTION, IICT, 1987; BEST WORKER AWARD, IICT, 1992.

2865

MISS K YAMUNA RANI; (B. SEPTEMBER 15, 1965),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '86; M.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '87.

SPECIALIZATIONS : COMPUTER PROCESS CONTROL.

EXPERIENCE : RES. ASSO., R.R.L., HYDERABAD, 1988-89; S.R.F. AND FELLOW IICT, HYDERABAD, 1989-90; SCIENTIST B, IICT, HYDERABAD SINCE OCTOBER, 1990.

PRESENT ACTIVITIES : COMPUTER PROCESS CONTROL.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS ACCEPTED - 3, RES. PAPERS COMMUNICATED - 4, RES. PAPERS PRESENTED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. & APP. RES. - 3.

2866

SHRI B PRAKASH RAO; (B. JUNE 15, 1949),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : CERTIFICATE/DIPLOMA IN MECHANICAL DRAUGHTSMANSHIP - ITI, HYDERABAD, '70; L.M.E. POWER PLANT ENGINEERING - GOVERNMENT POLYTECHNIC, HYDERABAD '76; P.G. DIPLOMA PROCESS INSTRUMENTATION - A.T.I., HYDERABAD '83.

SPECIALIZATIONS : DRAUGHTING.

EXPERIENCE : SENIOR DRAUGHTSMAN , FLUID SYSTEMS PVT. LTD., 1970-74; S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1974-84; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE MAY, 1984.

PRESENT ACTIVITIES : DRAUGHTING.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DRAUGHTING - 16.

2867

SHRI B RAMA RAO; (B. SEPTEMBER 6, 1953),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. GENETICS - OSMANIA '91.

EXPERIENCE : S.L.A., J.S.A. AND S.T.A., RRL, HYDERABAD. 1979-92; SCIENTIST B, IICT, HYDERABAD SINCE MARCH. 1992.

2868

SHRI C LAKSHMI KANTH RAO; (B. FEBRUARY 27, 1949),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '69; CERTIFICATE IN ELECTRONIC INSTRUMENTATION - NIZAM & ALLADIN TECH. INSTITUTE ' 72; TRAINING IN RADIO ISOTOPES & MICROPROCESSORS - HYDERABAD SCIENCE SOCIETY '72 & '86.

SPECIALIZATIONS : SERVICE AND MAINTENANCE OF ANALYTICAL INSTRUMENTS.

EXPERIENCE : TECH. ASSTT., SCIENTIFIC ENTERPRISES, HYDERABAD, 1970-73; INST. ASSTT., UNIV. COLLEGE OF SCIENCE, OSMANIA UNIVERSITY, 1973-76; INST. ASSTT. AND SCIENTIST A, RRL, JORHAT, 1976-83; SCIENTSIT A, IICT, HYDERABAD, 1983-86; SCIENTIST B, IICT, HYDERABAD SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : SERVICE AND MAINTENANCE OF ANALYTICAL INSTRUMENTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 14.

2869

SHRI G K VISWANADHA RAO; (B. MAY 3, 1939),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '63.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; MASS SPECTROMETRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., AND SCIENITST A, IICT, HYDERABAD, 1964-88; (ALSO ADVANCED TRAINING IN GAS CHROMATOGRAPHY / MASS SPECTROMETRY, THE NETHERLAND, 1978 AND TRAINING IN THE OPERATION OF MICROMASS - 70-70 H, U.K., 1982) TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE AUGUST, 1988.

PRESENT ACTIVITIES : OPERATION OF GC/MS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : THE NETHERLANDS, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 15, OPERATION - 10, TESTING - 22, QUALITY CONTROL - 26, MAINTENANCE - 16.

2870

SHRI G RAJESHWAR RAO; (B. DECEMBER 7, 1946),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECH. ENGG. - GOVT. POLYTECH. HYDERABAD '71.

EXPERIENCE : SR. DRAFTSMAN, S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD. 1977-87; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1987.

PRESENT ACTIVITIES : DESIGN & DRAUGHTING IN C.A.D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN & DRAUGHTING - 13.

2871

DR K KOTESWARA RAO; (B. APRIL 4, 1952),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. CHEMISTRY - OSMANIA '87; PH.D. CHEMISTRY - OSMANIA '93.

SPECIALIZATIONS : HOMOGENEOUS CATALYSIS; HETEROGENISED HOMOGENEOUS CATALYSIS

EXPERIENCE : S.L.A., TECHNICAL ASSISTANT, S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD; TECHNICAL OFFICER (B), IICT HYDERABAD SINCE FEBRUARY, FEBRUARY, 1992.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.S.R., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : 15.

2872

SHRI K RAMACHANDRA RAO; (B. MAY 2, 1946),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CHEMICAL TECHNOLOGY - INSTT. OF CHEMICAL TECHNOLOGY, MADRAS '69.

SPECIALIZATIONS : PROCESS CONTROL AND INSTRUMENTATION.

EXPERIENCE : J.L.A., S.L.A., S.T.A. AND SCIENTIST A. IICT, HYDERABAD. 1973-88; SCIENTIST B. IICT. HYDERABAD SINCE APRIL. 1988.

PRESENT ACTIVITIES : DESIGN AND ENGINEERING; PROCESS DEVELOPMENT; COMMISSIONING & TROUBLESHOOTING.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 12, PILOT PLANT - 7, COMMISIONING & TROUBLE SHOOTING - 3.

2873

DR K S RAMA RAO; (B. JUNE 2, 1966),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - NAGARJUNA '77; M.SC. CHEMISTRY - HYDERABAD '85; PH.D. CHEMISTRY - OSMANIA '92.

EXPERIENCE : SCIENTIST B, IICT, HYDERABAD SINCE JANUARY, 1992.

PRESENT ACTIVITIES : R & D.

2874

SHRI M SREENIVASA RAO; (B. AUGUST 20, 1940),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '63.

SPECIALIZATIONS : COMPUTER PROGRAMMING; DATA BASE MANAGEMENT.

EXPERIENCE : J.L.A. , S.L.A., J.S.A., S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1 1965-89; SCIENTIST B, IICT, HYDERABAD SINCE APRIL, 1989.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 2, COMPUTER PROCESSING - 21.

2875

SHRI M VENKATESWARA RAO; (B. JULY 1, 1939),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMIC ENGINEERING - GOVT. CERAMIC INSTITUTE '60.

SPECIALIZATIONS : CERAMIC TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1963-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : DEVELOPMENT OF REACTION SINTERED SILICON CARBIDE.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 23.

2876

SHRI P BASAVESWARA RAO; (B. JULY 15, 1941),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '62.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1963-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH & APPLIED RESEARCH - 23, PILOT PLANT - 5.

2877

DR P KANTA RAO; (B. DECEMBER 1, 1938),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2878

SHRI P RAMA RAO; (B. AUGUST 21, 1949),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : D.M.E. MACHINE SHOP TECHNOLOGY - BOARD OF TECH. EDUCATION, TAMILNADU '69.

EXPERIENCE : SR. DRAUGHTSMAN, S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD, 1977-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : DESIGN & DRAFTING IN COMPUTER AIDED DESIGN & DRAFTING.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN & DRAFTING - 13.

2879

SHRI P V RAMALINGESWARA RAO; (B. JANUARY 6, 1940),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '61.

EXPERIENCE : CHEMIST, TALAB (P) LTD, MADRAS, 1961-63; CHEMIST, THE SIR SILK LTD., 1963; J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD 1963-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH, TESTING.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, PILOT PLANT - 18, TESTING - 10, QUALITY CONTROL - 10, PRODUCTION - 16.

2880

SHRI S V SUBBA RAO; (B. JULY 26, 1941),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ANDHRA PRADESH '61.

SPECIALIZATIONS : OPERATION AND MAINTENANCE.

EXPERIENCE : J.T.A., S.T.A. AND SCIENTIST A, IICT, HYDERABAD; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1989.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN, PILOT PLANT, OPERATION AND MAINTENANCE - (TOTAL: 26 YEARS).

2881

SHRI T CHANDRA SEKHAR RAO; (B. MAY 23, 1938),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : A.I.C. INSTITUTE OF CHEMISTS '83; JR. DIPLOMA IN GERMAN LANGUAGE - MAX MULLER BHAVAN '67.

SPECIALIZATIONS : ANALYSIS OF OILS AND FATS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, 1966-87; SCIENTIST B, RRL SINCE MARCH, 1987.

PRESENT ACTIVITIES : ANALYSIS OF OILS AND FATS.

LANGUAGES : TELUGU, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 9, PILOT PLANT - 4.

2882

SHRI Y L NARSIMHA RAO; (B. MAY 19, 1942),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA.

SPECIALIZATIONS : COMPUTER PROGRAMMING.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A. IICT, HYDERABAD, 1964-89; SCIENTIST B, IICT, HYDERABAD SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COMPUTER PROGRAMMING.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, COMPUTER PROGRAMMING - 20.

2883

SHRI Y NAGESWAR RAO; (B. APRIL 13, 1940),

SCIENTIST B. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMIC ENGINEERING - BOARD OF TECHNICAL EDUCATION ,A.P. '60.

SPECIALIZATIONS : GLASS AND ENAMELS; REFRACTORIES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, 1962-87; SCIENTIST B, IICT, HYDERABAD SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D PLANNING, COORDINATION & LIAISON.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 3. PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, PILOT PLANT - 26, PRODUCTION - 10.

2884

SHRI K BHUPAL REDDY; (B. JULY 1, 1947),

TECHNICAL OFFICER (B). INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMIC ENGINEERING-POTTERIES & REFRACTORIES - BOARD OF TECHNICAL EDUCATION, A.P. '65.

SPECIALIZATIONS : POTTERIES AND REFRACTORIES: PHYSICAL PROPERTIES OF CERAMIC PRODUCTS; GRAIN PROCESSING OF SILICON CARBIDE; DESIGN AND FABRICATION OF HIGH TEMPERATURE FURNACES.

EXPERIENCE : SUPERVISOR, GOVT. CERAMIC FACTORY GODUR, NEILOR, 1965-67; J.L.A., S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), IICT, HYDERABAD, 1967-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH: TESTING OF CERAMIC PRODUCTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 2, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 23, TESTING - 23.

2885

SHRI M RAMI REDDY; (B. JULY 1, 1941),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMICS - BOARD OF TECHNICAL EDUCATION, A.P.'63.

SPECIALIZATIONS : CERAMIC TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., IICT, HYDERABAD, 1966-87; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D ON LANTHANUM CHROMITE HEATING ELEMENTS (D1-007 B) PROJECT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNICAL DEV. - 4, PILOT PLANT - 10, PRODUCTION - 5, TECHNOLOGY TRANSFER - 3.

2886

DR NARSIMHA REDDY; (B. MARCH 20, 1957),

SCIENTIST B. INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '77; M.SC. CHEMISTRY - OSMANIA '80; PH.D. CHEMISTRY - I.I.T., KANPUR '87.

SPECIALIZATIONS : MAGNETIC RESONANCE SPECTROSCOPY AND MOLECULAR STRUCTURE.

EXPERIENCE : RESEARCH ASSOCIATE, I.I.T., KANPUR, 1987-88; SCIENTIST B, IICT, HYDERABAD SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH ON MOLECULAR STRUCTURE AND DYNAMICS USING NMR AND NQR SPECTROSCOPY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PAPERS PRESENTED - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, DESIGN - 5, TECHNICAL DEV. - 5, CONSTRUCTION - 5,, TEACHING - 5, COMPUTER PROCESSING - 5.

2887

DR A R K SASTRY; (B. APRIL 3, 1951),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2888

SHRI K SATYAM; (B. JULY 15, 1937),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN CERAMIC ENGINEERING - BOARD OF TECHNICAL EDUCATION, A.P. '59.

SPECIALIZATIONS : REFRACTORIES.

EXPERIENCE : CERAMIC SUPERVISOR, GOVT. OF A.P., 1960-62; DEMONSTRATOR, COLLEGE OF TECHNOLOGY, OSMANIA UNIVERSITY, 1962-65; J.L.A., S.L.A., J.S.A. AND S.S.A., RRL HYDERABAD, 1965-87; SCIENTIST A, IICT, HYDERABAD, 1987-89; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE APRIL, 1989.

PRESENT ACTIVITIES : PLANNING, COORDINATION & LIAISON (PCL); CATERING MANAGEMENT OF DEPT. CANTEEN.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 1, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, PILOT PLANT - 15.

2889

SHRI R SEKAR; (B. JULY 27, 1956),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '78; CERTIFICATE OF MEDICAL LABORATORY TECHNOLOGY - MADRAS '79; A.I.C. (M.SC.) CHEMISTRY - INSTITUTION OF CHEMIST, CALCUTTA '86.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS; BIOCHEMICAL ANALYSIS.

EXPERIENCE : SR. LAB. ASST., IIT, MADRAS, 1980-85; SR. TECH. ASST., IICT, HYDERABAD, 1985-89; SCIENTIST B, IICT, HYDERABAD SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : TESTING AND BASIC RESEARCH IN PHARMACEUTICALS.

LANGUAGES : TAMIL, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, TESTING - 6.

2890

SHRI G V R SHARMA; (B. JANUARY 14, 1954),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.A. TELUGU - OSMANIA '79; M.SC. ORGANIC CHEMISTRY - KARNATAKA '82; PH.D. CHEMISTRY - OSMANIA.

SPECIALISATIONS : OILS AND FATS; PETROLEUM PRODUCTS; PAINTS AND VARNISHES.

EXPERIENCE : TECHNICAL OFFICER (A), IICT, HYDERABAD, 1990-91; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE JULY, 1991.

PRESENT ACTIVITIES : ANALYSIS & TESTING.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL : 20).

2891

SHRI P D SHARMA; (B. AUGUST 10, 1951),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - KARNATAKA '87.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1972-90; SCIENTIST B, IICT, HYDERABAD SINCE AUGUST, 1990.

PRESENT ACTIVITIES : R & D.

2892

SHRI T M SRINIVASAN; (B. JANUARY 30, 1941),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '62; M.A. HISTORY & ARCHAEOLOGY - MADRAS '64; M.LITT. - MADRAS '70.

SPECIALIZATIONS : HISTORY OF SCIENCE; TECHNICAL INFORMATION HISTROY OF INDIAN OCEANOGRAPHY.

EXPERIENCE : S.R.F., INSA, 1967-75; J.D.A., NIO, GOA, 1976-77; S.T.A. AND SCIENTIST A, IICT, HYDERABAD, 1977-87; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE AUGUST, 1987.

PRESENT ACTIVITIES : PLANNING, COORDINATION AND LIAISON.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, EDITING - 2, DOCUMENTATION - 11, TECHNICAL INFORMATION - 14.

2893

SHRI V S SUBRAMANYAM; (B. JULY 20, 1939),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '60

SPECIALIZATIONS : ORGANIC CHEMISTRY; CHEMICAL ABSTRACTS.

EXPERIENCE : ANALYST, CHEMICAL TESTING & ANALYTICAL LABORATORY, 1960-61; SUPERVISOR, VIRIDHACHALAM CERAMIC CENTRE, 1961-62; CHEMIST, SALEM MAGNESITES, 1962; ANALYST, INDIAN TELEPHONE INDUSTRIES LTD., 1962-63; J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. IICT, HYDERABAD, 1963-88; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE MAY, 1988.

PRESENT ACTIVITIES : DOCUMENTATION.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 4, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, PILOT PLANT

2894

SHRI P A RAMALINGA SWAMY; (B. AUGUST 5, 1937),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : INTERMEDIATE - ANDHRA '57.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, IICT, HYDERABAD, 1961-84; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE JANUARY, 1984.

PRESENT ACTIVITIES : ERECTION, MAINTENANCE AND OPERATION OF PILOT PLANTS; RESEARCH IN LAB AND PILOT PLANTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APPLIED RESEARCH - 30, PILOT PLANT - 30.

2895

SHRI ATHUR TAIMUR; (B. JANUARY 19, 1957),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - A.M.U. '81; PH.D. ORGANOMETALLIC - RAJASTHAN '88.

SPECIALISATIONS : ORGANOMETALLIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSOCIATE, IICT, 1988-92; SCIENTIST B, IICT, HYDERABAD SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : CHIRAL SYNTHESIS OF DRUGS.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

2896

SHRI B VASUDEVA; (B. APRIL 3, 1946),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : L.M.E. MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, ANDHRA '72.

SPECIALIZATIONS : DRAUGHTING.

EXPERIENCE : S.T.A.(DRAUGHTING) AND SCIENTIST A, IICT, HYDERABAD, 1974-84; TECHNICAL OFFICER (B), IICT, HYDERABAD SINCE AUGUST, 1984.

PRESENT ACTIVITIES : DRAUGHTING OF CHEMICAL EQUIPMENTS, PIPING PLANS AND ELEVATIONS; PROCESS UTILITY, ENGINEERING FLOW DIAGRAMS AND ISOMETRIC SPOOLS OF PIPING ON CAD.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : DRAUGHTING - 17.

2897

SHRI C H VENKATESWARLU; (B. JUNE 1, 1952),

SCIENTIST B, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '75; AMI CHEM.E - INDIAN INSTITUTE OF CHEMICAL ENGINEERS. CALCUTTA '83; M.TECH. CHEMICAL ENGINEERING - OSMANIA '85.

SPECIALIZATIONS : PHYSICAL AND CHEMICAL PROCESSING OF PULP; MODELLING, SIMULATION AND OPTIMIZATION OF CHEMICAL PROCESSES; PLANT DESIGN; DETECTION AND DIAGNOSIS OF PROCESS FAULTS.

EXPERIENCE : J.L.A., S.L.A., TECHNICAL ASSTT. AND S.T.A., IICT. HYDERABAD, 1978-88; SCIENTIST B. IICT, HYDERABAD SINCE JANUARY, 1988.

PRESENT ACTIVITIES : R & D ON COMPUTER BASED METHODS FOR FAULT DETECTION AND DIAGNOSIS IN CHEMICAL PROCESSES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 6, PILOT PLANT - 2, TESTING - 4, COMPUTER PROCESSING - 5.

2898

SHRI ZAFAR ALI ZAIDI; (B. FEBRUARY 2, 1945),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

SPECIALISATIONS : FABRICATION & MAINTENANCE OF PILOT PLANTS FOR GLASS EQUIPMENT.

PRESENT ACTIVITIES : FABRICATION AND MAINTENANCE OF LABORATORY PILOT PLANTS FOR GLASS APPARATUS AND EQUIPMENT INCLUDING ON-LINE JOBS OF VACUUM AND DISTILLATION UNITS.

LANGUAGES : URDU, HINDI, ENGLISH, TELUGU

VISITED : EGYPT, IRAQ.

AWARDS & DISTINCTIONS : 1ST PRIZE IN ARTISTIC GLASS BLOWING. A I I E, HYDERABAD.

PROFESSIONAL EXPERIENCE(IN YEARS) : 30.

2899

SHRI K T V R ACHARYULU; (B. JUNE 15, 1940),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : SSLC - ANDHRA '56.

EXPERIENCE : CRAFTSMAN, ARMY, EME SCHOOL, 1959-61; CRAFTSMAN. ARMY, EME SCHOOL, NORTH BARODA, 1965; HAVALDAR. ARMY(EME) ELECTRICAL & MECHANICAL CORPS. 1959 -69; SR LAB ASST. JR TECH ASST AND SR TECH ASST. IICT, HYDERABAD, 1970-87; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1987.

2900

SHRI MIR RAZA ALI; (B. AUGUST 15, 1944),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN ELECTRONIC INSTRUMENTATION - BOARD OF TECH. EDUCATION, GOVT. OF A P '72; DIPLOMA IN ELECTRONIC & TELECOMMUNICATION L.E.C.E. - BOARD OF TECH. EDUCATION, ANDHRA '79.

SPECIALISATIONS : INSTRUMENTATION (ANALYTICAL INSTRUMENTS).

EXPERIENCE : ASST. FILLEW, J.T.A. AND S.T.A., IICT, HYDERABAD, 1964-88; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE AUGUST, 1988.

PRESENT ACTIVITIES : REPAIRS & MAINTANANCE.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH.

2901

MRS T S CHANDRAKALA; (B. JUNE 16, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '74.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., IICT, HYDERABAD, 1974-89; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE AUGUST. 1989.

2902

SHRI J NARASIMHA CHARRY; (B. AUGUST 5, 1951),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2903

SHRI A P RUDRA DAS; (B. NOVEMBER 28, 1956),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. CHEMISTRY - CALICUT '77; A.I.C. INSTITUTION OF CHEMIST '82; M.SC. ORGANIC CHEMISTRY - GULBARGA '85.

EXPERIENCE : J.L.A., S.L.A.. TECHNICAL ASSISTANT AND S.T.A., IICT, HYDERABAD. 1978-90; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT FOR SYNTHETIC DRUGS.

LANGUAGES : MALAYALAM, TAMIL, TELUGU, HINDI, ENGLISH.

2904

SHRI V G JACOB; (B. OCTOBER 2, 1957),

TECHNICAL OFFICER (A). INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA MECH. ENGG. - GOVT. POLYTECHNIC, HYDERABAD '76: P G DIPLOMA IN COMPUTER APPLICATIONS - INSTITUTE OF ENGINEERS, HYDERABAD '92.

SPECIALIZATIONS : PREPARATION OF VERY COMPLEX DRAWINGS USING AUTOCAD SOFTWARE.

EXPERIENCE : GRADUATE TRAINEE. R.R.L., HYDERABAD, 1977-78; SR. DRAFTMAN AND S.T.A., IICT, HYDERABAD, 1978-91; TECHNICAL OFFICER A. IICT. HYDERABAD SINCE FEBRUARY, 1991.

LANGUAGES : HINDI, URDU, TELUGU, TAMIL. ENGLISH.

2905

SHRI A QADEER KHAN; (B. JUNE 15, 1941),

TECHNICAL OFFICER (A). INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2906

SHRI V KOTAIAH; (B. JANUARY 27, 1943),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2907

SHRI A KUMAR; (B. MARCH 1, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY. HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '73.

EXPERIENCE : SHIFT INCHARGE, HINDUSTAN POLYMERS. 1973-92; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY. 1992.

PRESENT ACTIVITIES : INSTALLATION. MAINTENANCE AND OPERATION OF CHEMICAL PROCESS EQUIPMENT; INDENTING AND PURCHASING EQUIPMENTS.

LANGUAGES : TAMIL, TELUGU, HINDI. KANNADA, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 15.

2908

SHRI C S MURTHY; (B. JULY 15, 1942),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : S.S.L.C. - ANDHRA '60.

EXPERIENCE : PLANT OPERATOR, HCF, HYDERABAD, 1962-64; PLANT OPERATOR, MECH CUM OPERATOR AND FOREMAN, R.R.L., HYDERABAD, 1964-73; S.T.A., IICT, HYDERABAD, 1973-91; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE SEPTEMBER, 1990.

LANGUAGES : TELUGU, HINDI, ENGLISH.

2909

SHRI M NASEERUDDIN; (B. APRIL 13, 1943),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.COM.; P G DIPLOMA IN PLANT ENGG. & MAINTENANCE MANAGEMENT; CERTIFICATE IN FIRE FIGHTING; CERTIFICATE IN FIRST AID; CERTIFICATE IN CIVILIAN RIFLE TRAINING.

LANGUAGES : ENGLISH, URDU, HINDI, TELUGU.

2910

SHRI K PARVATI; (B. SEPTEMBER 14, 1958),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ZOOLOGY.

SPECIALISATIONS : ENTOMOLOGY.

PRESENT ACTIVITIES : ENTOMOLOGICAL EVALUATION OF TEST COMPOUNDS OF NATURAL OR SYNTHETIC ORIGIN ON VARIOUS INSECT PESTS.

LANGUAGES : ENGLISH, TELUGU, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : 14.

2911

DR D RAJAGOPAL; (B. AUGUST 3, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. MICROBIOLOGY - BHOPAL '82; PH.D. BIOCHEMISTRY - OSMANIA '93.

EXPERIENCE : RESEARCH ASST., ICRISAT, 1977-89; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : MICROBIAL PRESERVATION.

2912

SHRI K RAMAKRISHNAM RAJU; (B. JUNE 14, 1951),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2913

SHRI P V K RAJU; (B. SEPTEMBER 6, 1951),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2914

SHRI N GANGA RAM; (B. MARCH 19, 1939),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : H.SC. - PRIVATE '67.

EXPERIENCE : FARRASH, LAB. BEARER, PLANT OPERATOR, J.L.A., S.L.A. AND A.T.O., R.R.L., HYDERABAD, 1957-82; S.T.A., IICT, HYDERABAD, 1982-88; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE DECEMBER, 1988.

LANGUAGES : TELUGU, HINDI, ENGLISH.

2915

SHRI K V RAMANAMURTHY; (B. JUNE 1, 1954),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '76; A I C CHEMISTRY - CALCUTTA '92.

SPECIALIZATIONS : ORGANIC CATALYTIC REACTIONS.

EXPERIENCE : S.L.A., T.A.GR. VIII AND S.T.A., IICT, HYDERABAD, 1977-91; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1991.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PATENTS - 4.

AWARDS & DISTINCTIONS : MEMBER, CATALYSIS SOCIETY OF INDIA; MEMBER, INDIAN SOCIETY OF ANALYTICAL SCIENTISTS (ISAS).

PROFESSIONAL EXPERIENCE(IN YEARS) : 16.

2916

SHRI A NARASIMHA RAO; (B. APRIL 24, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2917

SHRI A RAMACHANDRA RAO; (B. JUNE 15, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - ANDHRA '74; M.SC. CHEMISTRY - OSMANIA '86.

SPECIALISATIONS : ORGANIC CHEMISTRY; ANALYTICAL CHEMISTRY; PROCESS DEVELOPMENT.

PRESENT ACTIVITIES : PROCESS DEVELOPEMENT OF DRUGS & DRUG INTERMEDIATES.

LANGUAGES : TELUGU, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : 14.

2918

SHRI E V R HANUMANTH RAO; (B. APRIL 11, 1959),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2919

SHRI K SITA RAMA RAO; (B. JULY 15, 1950),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - BHOPAL '76.

EXPERIENCE : CHEMIST, MINERAL EXPLORATION CORPORATION LTD., HYDERABAD, 1976-77; CHEMIST, PODDAR PROJECTS LTD., HYDERABAD, 1977-78; CHEMIST, SRI BHAVANI CASTINGS KAKINADA, A.P., 1978-82; CHEMIST, ANDHRA PRADESH STEELS LTD., PALONCHA, 1982-84; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : ANALYSIS OF OIL & FATS, PESTICIDES, PAINTS, PETROLEUM PRODUCTS DRUGS AND AGROCHEMICALS BY CONVENTIONAL AND INSTRUMENTAL METHODS. AT PRESENT WORKING IN GAS LIQUID CHROMATOGRAPHIC TECHNIQUES.

LANGUAGES : TELUGU, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : 18.

2920

SHRI P RAMAKRISHNA RAO; (B. FEBRUARY 13, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2921

DR P VENKATESWARA RAO; (B. JUNE 11, 1956),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2922

SHRI MUKUNDA REDDY; (B. JANUARY 15, 1941),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : H.S.C. MATHS - OSMANIA '56; ELECTRICAL TRADE CERTIFICATE - A P BOARD OF TECH EDUCATION '58.

EXPERIENCE : MACHANIC GR II, MACHINE OPERATOR, MECHANIC GR I, SR. ELECTRICIAN, FOREMAN AND S.T.A., IICT, HYDERABAD, 1962-90; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : ELECTRICAL SUPERVISOR.

LANGUAGES : TELUGU, ENGLISH.

2923

SHRI S CHANDRA REDDY; (B. JUNE 30, 1954),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGG. - STATE BOARD OF TECHNICAL EDUCATION, HYDERABAD (A.P.) '76.

EXPERIENCE : SUPERVISOR, GAMMON INDIA LTD., 1976-77; SUPERVISOR, XL-EQUIPMENT PVT. LTD., 1977-78; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE JULY, 1989

2924

DR M RIYAZUDDIN; (B. OCTOBER 15, 1945),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : L.M.E. MINING ENGG - BOARD OF TECH. EDUCATION '67; L.M.E. MECH. ENGG. - BOARD OF TECH. EDUCATION '68.

EXPERIENCE : APPERENTICE, NIZAM SUGAR FACTORY, HYDERABAD, 1970-71; TRACER, JR. DRAUGHTSMA, AND S.T.A., IICT, HYDERABAD, 1971-79; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE MAY, 1979.

PRESENT ACTIVITIES : DESIGN & DRAFTING.

LANGUAGES : URDU, HINDI, TELUGU, ENGLISH, ARABIC.

2925

SHRI SAMIR KUMAR ROY; (B. JANUARY 13, 1952),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - J.N.T. '91.

EXPERIENCE : TECHNICAL APPRENTICE, HINDUSTAN LEVER LTD., BOMBAY, 1971-74; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE AUGUST, 1987.

LANGUAGES : BENGALI, HINDI, ENGLISH.

2926

SHRI SYED MOHD SAJJAD; (B. FEBRUARY 26, 1939),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC - OSMANIA '64.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS.

EXPERIENCE : MUSEUM ATTENDANT, PLANT OPERATOR, JR. & SR. LAB. ASSTT., J.T.A. AND S.T.A., IICT, HYDERABAD, 1964-87; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : INSTRUMENTAL ANALYSIS.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 3, OPERATION - 8, TESTING - 10, QUALITY CONTROL - 3, PRODUCTION - 1, INSTRUMENTAL ANALYSIS - 3.

2927

SHRI ARIVENI SATYANARAYANA; (B. MAY 1, 1956),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : S.S.C. - BOARD OF SECONDARY EDUCATION '73; L.M.E. - BOARD OF TECHNICAL EDUCATION '76.

EXPERIENCE : GRADUATE TRAINEE, TRACER, JR. DRAFTSMAN, T.A.,GR. VIII AND S.T.A., IICT, HYDERABAD, 1977-91; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : DRAWING, FABRICATION, ERECTION AND PLANT OPERATION.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 17.

2928

SHRI V SATYANARAYANA; (B. JUNE 15, 1942),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : INTERMEDIATE ARTS - HYDERABAD '83.

SPECIALISATIONS : REPROGRAPHY.

EXPERIENCE : LAB. SKILLED, PLANT OPERATOR, J.L.A., S.L.A. AND S.T.A., IICT, HYDERABAD, 1964-87; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : REPROGRAPHY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

AWARDS & DISTINCTIONS : BEST WORKER AWARD, IICT.

2929

SHRI V PADMANABHA SHARMA; (B. JUNE 24, 1940),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - ANDHRA '61.

SPECIALIZATIONS : OILS AND OIL SEEDS.

EXPERIENCE : RESEARCH ASSTT., CENTRAL WATER & POWER COMMISSION, HYDERABAD, 1965-66; S.L.A., J.S.A. AND S.T.A., IICT, 1966-83; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE AUGUST, 1983.

PRESENT ACTIVITIES : PILOT PLANT PROCESS DEVELOPMENT IN OILS.

LANGUAGES : TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 2, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, DESIGN - 6, TECHNICAL DEV. - 8, PILOT PLANT - 19, CONSTRUCTION - 2, OPERATION - 19, TESTING - 1, MAINTENANCE - 19, PRODUCTION - 10, SURVEY OF NAT. RESOURCES - 1, TECHNO-ECONOMIC SURVEYS - 2, PLANNING - 1, ADMINISTRATION - 1, EDITING - 1.

2930

SHRI JAG JEEVAN SINGH; (B. OCTOBER 6, 1939),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2931

SHRI N B SRIVASTAVA; (B. FEBRUARY 11, 1937),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - OSMANIA '61; CERTIFICATE IN PAPER TECHNOLOGY - F.R.I., DEHRADUN '62.

SPECIALISATIONS : BUILDING MATERIALS.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.T.A., IICT, HYDERABAD, 1964-87; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN LOW-COST BUILDING MATERIALS.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PROCESSES DEVELOPED - 5, PROCESS UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, PILOT PLANT - 24, TESTING - 26.

2932

SHRI S TAJUDDIN; (B. MARCH 5, 1955),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.SC. - MADRAS '76.

SPECIALISATIONS : MATHEMATICS; PHYSICS; CHEMISTRY.

LANGUAGES : TAMIL, HINDI, TELUGU; URDU.

PROFESSIONAL EXPERIENCE(IN YEARS) : (TOTAL : 17).

2933

SHRI D VANAKATASWARLU; (B. FEBRUARY 15, 1938),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : S.S.L.C. - BOARD OF SECONDARY EDU. '56; DIPLOMA IN CRAFTMANSHIP INSTRUMENTATION - GOVT. OF TECH. EDU. '58; CERTIFICATE COURSE IN PROCESS INSTRUMENTATION - ADVANCED TRAINING INSTITUTION (GOVT. OF INDIA) '79.

EXPERIENCE : WORKSHOP OPERATOR, PLANT OPERATOR, JR. LAB. ASSTT., SR. LAB. ASSTT. JR. TECH. ASSTT. AND SR. TECH. ASSTT., IICT, HYDERABAD, 1962-87; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE OCTOBER, 1987.

2934

SHRI P YOGENDRANATH; (B. MARCH 28, 1954),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

2935

SHRI S H A ZAIDI; (B. JANUARY 24, 1942),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD.

QUALIFICATIONS : B.A. - ANDHRA '89.

EXPERIENCE : SK. LAB. BEARER, PLANT OPERATOR, J.L.A., S.L.A., A.T.O. AND S.T.A., IICT, HYDERABAD, 1962-89; TECHNICAL OFFICER (A), IICT, HYDERABAD SINCE AUGUST, 1989.

REGIONAL RESEARCH LABORATORY, JORHAT

2936

DR ANIL C GHOSH; (B. SEPTEMBER 1, 1936),

DIRECTOR, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - GAUHATI '58; PH.D. ORGANIC CHEMISTRY - POONA '63.

SPECIALIZATIONS : DRUG DEVELOPMENT; TECHNOLOGY DEVELOPMENT UPTO MANUFACTURING PLANT LEVEL; RESEARCH MANAGEMENT/ADMINISTRATION.

EXPERIENCE : JUNIOR AND SENIOR RESEARCH FELLOW, NCL, PUNE 1960-64; POST DOCTORAL RESEARCH FELLOW, UNIVERSITY OF NEBRASKA, U.S.A., 1964-66; RESEARCH ASSOCIATAE, NORTH CAROLINA STATE UNIVERSITY, 1966-67; RESEARCH CHEMIST, SWISS FEDERAL INSTITUTE OF TECHNOLOGY, ZURICH, SWITZERLAND, 1968-69; SENIOR RESEARCH ASSOCIATE, ROSEWELL PARK MEMORIAL INSTITUTE, BUFFALO, U.S.A. 1969-71; SENIOR RESEARCH ASSOCIATE, THE JOHN SEEHAN INSTITUTE FOR RESEARCH, INC., CAMBRIDGE, 1971-72; SENIOR RESEARCH SCIENTIST AND PROJECT DIRECTOR, SISA INCORPORATED AND THE JOHN C SEEHAN INSTITUTE FOR RESEARCH, CAMBRIDGE, 1972-81; TECHNICAL ADVISOR AND GENERAL MANAGER, RANBAXY LABORATORY, 1981-84; MANAGING DIRECTOR, BENGAL IMMUNITY LTD., 1984-86; DIRECTOR / GENERAL MANAGER, W.T. SUREN & CO. AND RALLIS INDIA LTD.,1986-89 ; VICE PRESIDENT, GLAXO INDIA, BOMBAY, 1989-92; DIRECTOR, R.R.L. JORHAT SINCE 1992.

PRESENT ACTIVITIES : RESEARCH AND RESEARCH MANAGEMENT IN ORGANIC CHEMISTRY.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH, GERMAN.

VISITED : SWITZERLAND, U.S.A., JAPAN, EGYPT.

PUBLICATIONS & PATENTS : RES. PAPERS - 26, SCIENTIFIC BOOKS - 1, PATENTS FILED - 8, PATENTS TAKEN - 10, PROCESSES DEVELOPED - 22, PROCESS UNDER UTILISATION - 20.

AWARDS & DISTINCTIONS : FELLOW, ROYAL INSTITUTION OF CHEMISTRY, LONDON; FELLOW, INDIAN CHEMICAL SOCIETY; MEMBER, COUNCIL OF INDIAN CHEMICAL SOCIETY; MEMBER AMERICAN ASSOCIATION FOR ADVANCEMENT OF SCIENCES; MEMBER R & D COMMITTEE, BOMBAY CHAMBERS OF COMMERCE & INDUSTRY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 31, APP. RES. - 24, OPERATION - 24, OPERATION - 3, TECHNICAL DEV. - 14, QUALITY CONTROL - 6, PILOT PLANT - 14, PRODUCTION - 3, R & D MANAGEMENT - 24, IND. MANAGEMENT - 14, ADMINISTRATION - 14.

2937

SHRI U C BORAH; (B. FEBRUARY 1, 1935),

SCIENTIST F, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.M.E. MECHANICAL - CALCUTTA '58.

SPECIALIZATIONS : MACHINE TOOLS DESIGN AND MANUFACTURING; PROCESS EQUIPMENT DESIGN; WORKSHOP FABRICATION; TECHNICAL SERVICES MANAGEMENT.

EXPERIENCE : P.G. TRAINING IN W. GERMANY, 1960-62; ASSISTANT PROFESSOR, PRINCIPAL AND JOINT DIRECTOR, TECHNICAL EDUCATION, GOVERNMENT OF ASSAM, 1964-76; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, R.R.L., JORHAT, 1976-88; SCIENTIST F, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D; TECHNICAL SERVICES MANAGEMENT; TECHNOLOGY TRANSFER.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH, GERMAN.

VISITED : W. GERMANY, KENYA, TANZANIA, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 5, ARTICLES - 10, PATENTS FILED - 8, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 4.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF ENGINEERS (INDIA); F A E, INDIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, DESIGN - 14, TECH. DEV. - 14, PILOT PLANT - 14, CONSULTANCY - 14, R & D MGMT. - 14, CONSTN. - 13, OPERATION - 18, TESTING - 13, QUALITY CONTROL - 5, MAINTENANCE - 18, PRODN. - 5, IND. MGMT. - 4, TEACHING - 12, SURVEY OF NATURAL RESOURCES - 1, TECHNO-ECONOMIC SURVEYS - 7, PLANNING - 14, TECHNOLOGY TRANSFER - 30.

2938

DR R K MATHUR; (B. SEPTEMBER 5, 1937),

SCIENTIST F, R.R.L. BRANCH LABORATORY, ITANAGAR (REGIONAL RESEARCH LABORATORY, JORHAT).

QUALIFICATIONS : B.SC. CHEMISTRY - RAJASTHAN '58; B.SC. (TECH.) PHARMACEUTICALS AND FINE CHEMICALS - BOMBAY '61; PH.D. TERPENOIDS - BOMBAY '67.

SPECIALIZATIONS : ESSENTIAL OILS; DRUGS; PESTICIDES AND ORGANIC INTERMEDIATES.

EXPERIENCE : J.R.F., N.C.L., POONA, 1962-66; SCIENTIST B, SCIENTIST C , SCIENTIST EI AND SCIENTIST EII, R.R.L., JORHAT, 1966-86; SCIENTIST F, R.R.L., JORHAT SINCE JANUARY, 1986.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT.

LANGUAGES : HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, TECH. REPORTS - 2, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 14, CONSULTANCY - 4, R & D MGMT. - 4.

2939

DR(MRS) BALAMANI BEZBARUAH; (B. MARCH 1, 1939),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - BOMBAY '57; M.SC. BOTANY - BOMBAY '61; D.SC. BOTANY - GESSEN, W. GERMANY '75.

SPECIALIZATIONS : BOTANY; BLUE GREEN ALGAE; BIOCHEMISTRY; SOIL MICROBIOLOGY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1961-87; (ALSO DAAD FELLOW, W. GERMANY, 1971-74); SCIENTIST EII, R.R.L., JORHAT SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH IN SOIL MICROBIOLOGY.

LANGUAGES : KANNADA, ASSAMESE, HINDI, TAMIL, ENGLISH, GERMAN.

VISITED : W. GERMANY, SINGAPORE.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, ARTICLES - 5, PATENTS TAKEN - 1, PATENTS FILED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, CONSULTANCY - 3, TEACHING - 4.

2940

DR D C GOSWAMI; (B. MARCH 1, 1949),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - GAUHATI '67; M.SC. PHYSICS - GAUHATI '69; ASSOCIATE, SAHA INSTITUTE OF NUCLEAR PHYSICS - CALCUTTA '70; PH.D. PHYSICS - GAUHATI '76.

SPECIALIZATIONS : NUCLEAR PHYSICS; SCIENCE WRITING AND EDITING.

EXPERIENCE : LECTURER, B. BAROOAH COLLEGE, GUWAHATI, 1970-72; LECTURER, COTTON COLLEGE, GUWAHATI, 1972-76; SCIENTIST B, P.I.D., NEW DELHI, 1976-79; SCIENTIST C, PLANNING DIVISION, C.S.I.R., 1979-82; SCIENTIST EI, R.R.L., JORHAT 1982-88; SCIENTIST EII, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D PLANNING AND MANAGEMENT; POPULAR SCIENCE WRITING AND EDITING.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH, FRENCH.

VISITED : THAILAND, U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 2, BOOKS - 14.

AWARDS & DISTINCTIONS : NATIONAL AWARD ON CHILDREN'S LITERATURE, N C E R T , 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 7, R & D MGMT. - 7, TEACHING - 6, PLANNING - 7, SCIENCE WRITING & EDITING - 25.

2941

SHRI A K HAZARIKA; (B. MARCH 1, 1937),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - RAJASTHAN '58; DIPLOMA IN LIBRARY SCIENCE - CALCUTTA '61.

SPECIALIZATIONS : LIAISON; INFORMATION DISSEMINATION; TECHNOLOGY TRANSFER.

EXPERIENCE : SUB EDITOR, NATIONAL LIBRARY, CALCUTTA, 1959-64; S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI,R.R.L., JORHAT, 1964-86; (ALSO TRAINING IN DEVELOPMENTAL COMMUNICATION, THE INDIAN INST. OF MASS COMMUNICATION, NEW DELHI, 1971 AND TRAINING IN TECHNOLOGY & DEVELOPMENT IN THE UNIVERSITY OF STRATHCLYDE, 1984; SCIENTIST EII, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER; INFORMATION DISSEMINATION, LIAISON AND PUBLICATION.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : PAPERS - 15, ARTICLES - 150, POPULAR SCIENCE BOOKS - 8, OTHER BOOKS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNOLOGY TRANSFER - 16, EDITING - 32, LIAISON - 26, R & D MGMT. - 16, TECHNO-ECONOMIC SURVEYS - 25.

2942

DR U C KALITA; (B. FEBRUARY 1, 1940),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CIVIL - GAUHATI '63; M.SC. SOIL MECHANICS AND FOUNDATION ENGINEERING - BRADFORD, U.K. '67; PH.D. STRUCTURAL ENGINEERING - EDINBURGH, U.K. '70.

SPECIALIZATIONS : SOIL MECHANICS AND FOUNDATION ENGINEERING; STRUCTURAL ENGINEERING; LOW COST HOUSING TECHNIQUES; BUILDING MATERIALS; MACHINE FOUNDATION; FERROCENT TECHNOLOGY.

EXPERIENCE : LECTURER AND ASSISTANT PROFESSOR, A.E. COLLEGE, GAUHATI, 1963-73; EXECUTIVE ENGINEER, PUBLIC HEALTH ORGANISATION, GOVERNMENT OF ASSAM, 1973-75; SCIENTIST C, R.R.L., JORHAT, 1975-78; PROFESSOR, R.E.C., SILCHAR, 1978-82; SCIENTIST EI, R.R.L., JORHAT, 1982-87; SCIENTIST EII, R.R.L., JORHAT SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT; CONSULTANCY IN FOUNDATION ENGINEERING STRUCTURES; TECHNICAL SERVICES.

LANGUAGES : ASSAMESE, HINDI, BENGALI, SANSKRIT, ENGLISH, GERMAN.

VISITED : U.K., IRISH REPUBLIC, BELGIUM, W. GERMANY, AUSTRIA, ITALY, SWITZERLAND, FRANCE, THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 55, TECH. REPORTS - 650, ARTICLES - 2, RADIO TALKS - 1, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 12, DESIGN - 6, CONSULTANCY - 15, R & D MGMT. - 12, TESTING - 8, TEACHING - 10, TECHNOLOGY TRANSFER - 7, EXTENSION - 7.

2943

DR DULESWAR MAHANTA; (B. MARCH 1, 1936),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '57; M.SC. ORGANIC CHEMISTRY - GAUHATI '59; PH.D. CHEMISTRY (PHYSICAL) - DIBRUGAR '88.

SPECIALIZATIONS : PAPER TECHNOLOGY; POLYMER TECHNOLOGY.

EXPERIENCE : LECTURER, J.B. COLLEGE, JORHAT, 1959-61; ASSISTANT ANALYST, PUBLIC HEALTH LABORATORY, SHILLONG, 1961-62; S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1962-89; SCIENTIST EII, R.R.L., JORHAT SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D IN PAPER TECHNOLOGY; POLYMER PREPARATION.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 36, TECH. REPORTS - 4, ARTICLES - 6, PATENTS TAKEN - 8, PROCESSES DEVELOPED - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, TEACHING - 1.

2944

DR J N NIGAM; (B. NOVEMBER 1, 1941),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. BIOCHEMICAL ENGINEERING - KANPUR '68; M.SC. (CHEM.TECH.) BIOCHEMICAL ENGINEERING - KANPUR '70; PH.D. BIOCHEMICAL ENGINEERING(ENZYME ENGG.) - KANPUR '77.

SPECIALIZATIONS : BIOCHEMICAL ENGINEERING; FERMENTATION TECHNOLOGY; INDUSTRIAL MICROBIOLOGY.

EXPERIENCE : S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1970-89; (ALSO VISITED W. GERMANY AS A GUEST SCIENTIST, 1981-82 AND CANADA AS A POST-DOCTORAL RESEARCH FELLOW, 1983-85); SCEINTIST EII, R.R.L., JORHAT SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN BIOCHEMICAL ENGINEERING.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17.

2945

DR K RAVINDRANATHAN PILLAI; (B. SEPTEMBER 28, 1941),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - KERALA '60; M.SC. BIOCHEMISTRY - M.S. UNIVERSITY, BARODA '63; PH. D. BIOCHEMISTRY - M.S. UNIVERSITY, BARODA '67.

SPECIALIZATIONS : BIOCHEMISTRY; NUTRITION; APPLIED MICROBIOLOGY; ENZYMOLOGY.

EXPERIENCE : ASSISTANT LECTURER AND SENIOR RESEARCH ASSOCIATE, M.S. UNIVERSITY OF BARODA, 1963-69; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1969-87; (ALSO TRAINING IN MODERN DEVELOPMENTS IN ENZYME PRODUCTION, CZECHOSLOVAKIA, 1979); SCIENTIST EII, R.R.L., JORHAT SINCE MAY, 1987.

PRESENT ACTIVITIES : R & D IN PRODUCTION OF INDUSTRIAL ENZYMES AND ETHANOL; PETROLEUM MICROBIOLOGY; ETHANOL GEOMICROBIOLOGICAL PROSPECTING OF PETROLEUM.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 31, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 21, TEACHING - 6.

2946

DR R C RASTOGI; (B. NOVEMBER 7, 1935),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - ALLAHABAD '57; M.SC. ORGANIC CHEMISTRY - ALLAHABAD '59; PH.D. CHEMISTRY - ALLAHABAD '62; DIPLOMA IN FRENCH - ALLAHABAD '61.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS; PESTICIDES.

EXPERIENCE : POST-DOCTORAL FELLOW, LAVAL UNIVERSITY, QUEBEC, CANADA, 1966-69; POOL OFFICER, C.D.R.I., LUCKNOW, 1969-70; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1970-87; SCIENTIST EII, R.R.L., JORHAT SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH, FRENCH.

VISITED : CANADA, W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 51, TECH. REPORTS - 4, ARTICLES - 2, PATENTS FILED - 6, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 31, APP. RES. - 21.

2947

SHRI C N SAIKIA; (B. DECEMBER 31, 1942),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - GAUHATI '63; B.SC. (TECH.) TEXTILE CHEMISTRY - BOMBAY '66.

SPECIALIZATIONS : PULP AND PAPER TECHNOLOGY; SPECIALITY PAPERS; AGROWASTE AND CELLULOSE DERIVATIVES.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1966-88; (ALSO HIGHER TRAINING IN PULP AND PAPER INDUSTRY, POLAND. 1976-77); SCIENTIST EII, R.R.L., JORHAT SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : R & D IN SPECIALITY PAPER AND TECHNOLOGY DEVELOPMENT.

LANGUAGES : ASSAMESE, HINDI, ENGLISH, POLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 10, REVIEW PAPERS - 20, PATENTS TAKEN - 12, PATENTS FILED - 2, PROCESSES DEVELOPED - 9, PROCESSES IN UTILISATION - 9, RADIO TALKS - 15, SCIENTIFIC ARTICLES - 20.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1987; NRDC AWARDS FOR MERITORIOUS INVENTIONS, 1965 AND 1966.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21, TECHNOLOGY TRANSFER - 20.

2948

DR M M SAIKIA; (B. APRIL 1, 1935),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) GEOLOGY - GAUHATI '57; M.SC. GEOLOGY - GAUHATI '60; PH.D. GEOLOGY AND MINERALOGICAL SCIENCES - MOSCOW, U.S.S.R. '65.

SPECIALIZATIONS : GEOLOGY; PETROLEUM GEOLOGY; SEISMOTECTONICS.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1966-86; (ALSO TRAINING IN SEISMOTECTONICS, CZECHOSLOVAKIA, 1979-80); SCIENTIST EII, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN EARTH SCIENCES, OPERATION AND MAINTENANCE OF TELEMETERED AND CONVENTIONAL SEISMIC NETWORKS IN N.E. REGION.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH, RUSSIAN.

VISITED : U.S.S.R., CZECHOSLOVAKIA, JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, SCIENTIFIC BOOKS - 2, ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, CONSULTANCY - 15, SURVEY OF NATURAL RESOURCES - 15.

2949

DR J S SANDHU; (B. JULY 14, 1942),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - PANJABI '65; PH.D. CHEMISTRY - PANJABI '69.

SPECIALIZATIONS : ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY; REACTION MECHANISM; DRUGS; PESTICIDES.

EXPERIENCE : ASSISTANT MANAGER, RANBAXY LABS. LTD., 1973-76; SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1976-87; SCIENTIST EII, R.R.L., JORHAT SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 115, SCIENTIFIC BOOKS - 1, REVIEWS/MONOGRAPHS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 18, R & D MGMT. - 9, TEACHING - 6.

2950

SHRI B SUBRAHMANYAM; (B. NOVEMBER 11, 1944),

SCIENTIST EII, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANDHRA '63; M.SC. ORGANIC CHEMISTRY - ANDHRA '64.

SPECIALIZATIONS : PETROCHEMICALS; PETROLEUM ADDITIVES; POLYMER CHEMISTRY.

EXPERIENCE : ASSISTANT LECTURER, KAKATIYA MEDICAL COLLEGE, WARANGAL, 1964-65; J.S.A., R.R.L., HYDERABAD, 1965-66; S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT 1966-88; (ALSO STUDY OF POLYMERIZATION TECHNIQUES FOR THE PREPARATION OF ADDITIVES, FRANCE, 1980); SCIENTIST EII, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN PETROLEUM ADDITIVELS, POLYMERS AND RHEOLOGY.

LANGUAGES : TELUGU, HINDI, ASSAMESE, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 21, TEACHING - 1.

2951

SHRI A P BARUAH; (B. FEBRUARY 1, 1944),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '64; B.TECH. CHEMICAL ENGINEERING - MADRAS '70; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '86.

SPECIALIZATIONS : CHEMICAL PROCESS DEVELOPMENT; DESIGN OF PROCESS EQUIPMENTS.

EXPERIENCE : ASSISTANT TEACHER, SHILLONG VIDYALAYA, SHILLONG, 1964; LABORATORY ASSISTANT, P.O.W. INSTITUTE OF ENGINEERING AND TECHNOLOGY; JORHAT, 1964-65; GRADUATE ENGINEER TRAINEE, GAUHATI REFINERY, GAUHATI, 1971-72; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1972-85; SCIENTIST EI, R.R.L., JORHAT SINCE AUGUST, 1985.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT, DESIGN AND SCALE-UP STUDIES FOR COMMERCIALISATION OF PESTICIDES AND DRUGS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATION - 3, PATENTS FILED - 4, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 18, DESIGN - 8, PILOT PLANT - 12, TECHNOLOGY TRANSFER - 10, CONSULTANCY - 10.

2952

DR ROBINDRA NATH BARUAH; (B. MARCH 1, 1945),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - GAUHATI '67; M.SC. ORGANIC CHEMISTRY - GAUHATI '69; PH.D. CHEMISTRY - GAUHATI '81.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1970-88; SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH IN NATURAL PRODUCTS; FTNMR OPERATION.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

VISITED : W. GERMANY, U.K., FRANCE, ITALY, JAPAN, E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 33, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 6, PILOT PLANT - 2, FTNMR OPERATION - 3.

2953

SHRI GIRISH CHANDRA BHATTACHARYYA; (B. FEBRUARY 1, 1938),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. PHYSICS - GAUHATI '60.

SPECIALIZATIONS : X-RAY CRYSTALLOGRAPHY.

EXPERIENCE : LECTURER, D.H.S.K. COLLEGE, DIBRUGARH, 1961; J.R.F., GAUHATI UNIVERSITY AND R.R.L. JORHAT, 1962-65; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1965-85; SCIENTIST EI, R.R.L., JORHAT SINCE DECEMBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 26, TEACHING - 1.

2954

SHRI B R BHUYAN; (B. JULY 1, 1935),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '56; ASSOCIATESHIP IN DOCUMENTATION & REPROGRAPHY - INSDOC '71.

SPECIALIZATIONS : LIAISON; EDITING; DOCUMENTATION; LIBRARY MANAGEMENT.

EXPERIENCE : ASSISTANT SOIL SURVEY OFFICER, DIRECTORATE OF AGRICULTURE, ASSAM, 1957-58;RESEARCH ASSISTANT, CENTRAL FISHERIES RESEARCH INSTITUTE (I.C.A.R.), BARRACKPORE, 1958-66; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1966-85; SCIENTIST EI, R.R.L., JORHAT SINCE AUGUST, 1985.

PRESENT ACTIVITIES : LIBRARY MANAGEMENT; DOCUMENTATION AND REPROGRAPHY.

LANGUAGES : ASSAMESE, HINDI, BENGALI, SANSKRIT, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, ARTICLES - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 9, TECHNOLOGY TRANSFER - 12, EDITING - 14, DOCUMENTATION - 17, REPROGRAPHY - 13, LIBRARY MGMT. - 13, PUBLIC RELATIONS - 10.

2955

SHRI A K BISWAS; (B. DECEMBER 14, 1940),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '60; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '69; A.I.C. APPLIED CHEMISTRY - INSTITUTION OF CHEMISTS, INDIA '75.

SPECIALIZATIONS : LUBRICATION EVALUATION AND DEVELOPMENT; CRUDE OIL EVALUATION.

EXPERIENCE : J.L.A. AND J.S.A., I.I.P., DEHRA DUN, 1961-66; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1966-82; SCIENTIST EI, R.R.L., JORHAT SINCE OCTOBER, 1982.

PRESENT ACTIVITIES : RESEARCH IN FUEL ADDITIVES; ANALYSIS OF PETROLEUM PRODUCTS; FORMULATION OF PETROLEUM SPECIALITY PRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, ARTICLES - 2, PATENTS TAKEN - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21, TESTING - 8.

2956

SHRI J N BORGOHAIN; (B. FEBRUARY 1, 1939),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '61; A.I.C. - INSTITUTIONS OF CHEMISTS, INDIA '85.

SPECIALIZATIONS : FUEL TECHNOLOGY; PRODUCTION OF DOMESTIC FUEL FROM COAL FINES.

EXPERIENCE : J.L.A., S.L.A., AND J.S.A., COAL SURVEY LABORATORY (C.F.R.I.), JORHAT, 1961-66; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1966-90; SCIENTIST EI, R.R.L., JORHAT SINCE MARCH, 1990.

PRESENT ACTIVITIES : R & D IN COAL.

LANGUAGES : ASSAMESE, HINDI, ENGLISH, BENGALI, SANSKRIT.

PUBLICATIONS & PATENTS : RES. PAPERSS - 6, TECH. REPORTS - 4, ARTICLES - 2, PATENTS TAKEN - 1, PATENTS FILED - 2, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 14, TECH. DEV. - 14, PILOT PLANT - 11, OPERATION - 12, TESTING - 21, QUALITY CONTROL - 14, PRODUCTION - 9.

2957

SHRI B C BORTHAKUR; (B. MAY 1, 1949),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT

QUALIFICATIONS : B.E. CIVIL - DIBRUGARH '71.

SPECIALIZATIONS : SOIL MECHANICS AND FOUNDATION ENGINEERING; BUILDING MATERIALS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1972-86; SCIENTIST EI, R.R.L., JORHAT SINCE JULY, 1986.

PRESENT ACTIVITIES : R & D; CONSULTANCY & TECHNICAL SERVICES.

LANGUAGES : ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 38, TECH. REPORTS - 650, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., DESIGN, CONSTRUCTION, TESTING, QUALITY CONTROL (TOTAL: 19 YEARS).

2958

DR NALEEN BORTHAKUR; (B. JULY 31, 1948),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '67; M.SC. CHEMISTRY - GAUHATI '69; PH.D. CHEMISTRY - GAUHATI '80.

SPECIALIZATIONS : ALKALOID CHEMISTRY; QUINAXALINE CHEMISTRY; ORGANOPHOSPHORUS CHEMISTRY; PROCESS DEVELOPMENT.

EXPERIENCE : LECTURER, SIBSAGAR COLLEGE, 1969-71; LECTURER, SCIENCE COLLEGE, JORHAT, 1972-75; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1975-88; (ALSO HIGHER RESEARCH, W.GERMANY, 1980-81); SCIENTIST EI, R.R.L., JORHAT SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE. BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, PATENTS FILED - 1, PATENT SEALED - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 15, TEACHING - 6.

2959

DR P C BORTHAKUR; (B. SEPTEMBER 1, 1946),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS) CHEMISTRY - GAUHATI '65; M.SC. CHEMISTRY - GAUHATI '67; PH.D. INORGANIC CHEMISTRY - GAUHATI '77.

SPECIALIZATIONS : INORGANIC CHEMISTRY; SILICATES INCLUDING ZEOLITES AND CEMENTIOUS BUILDING MATERIALS.

EXPERIENCE : LECTURER, J.B. COLLEGE, JORHAT, 1967-74; SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1975-86; SCIENTIST EI, R.R.L., JORHAT SINCE JANUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, TECH. REPORTS - 4, SCIENTIFIC BOOKS - 1, PATENTS TAKEN - 4, PATENTS FILED - 5, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 4, APP. RES.- 8, PILOT PLANT - 1 R & D MGMT.- 3, TEACHING - 8.

2960

SHRI S R DUTTA CHOUDHURY; (B. OCTOBER 1, 1938),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '65.

SPECIALIZATIONS : SOLID AND LIQUID FUELS.

EXPERIENCE : J.L.A., S.L.A. AND J.S.A., C.F.R.I., DHANBAD, 1960-66; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1966-88; SCIENTIST EI, R.R.L., JORHAT SINCE, 1988.

PRESENT ACTIVITIES : RESEARCH IN PETROLEUM TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, ARTICLES - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 14.

2961

SHRI RAJAT CHANDRA DAS; (B. MAY 1, 1940),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. '61; A.I.C. ANALYTICAL CHEMISTRY - INSTITUTION OF CHEMISTS, INDIA '66.

SPECIALIZATIONS : CHEMICAL ANALYSIS; PROCESS DEVELOPMENT; NMR SPECTROSCOPY.

EXPERIENCE : S.L.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1963-87; SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D IN NMR AND ANALYTICAL CHEMISTRY.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 16.

2962

DR NIBARAN CHANDRA DEY; (B. OCTOBER 1, 1949),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '69; M.SC. PHYSICAL CHEMISTRY - DIBRUGARH '71; PH.D. CHEMISTRY - DIBRUGARH '82.

SPECIALIZATIONS : ELECTROCHEMISTRY; ELECTROANALYTICAL CHEMISTRY; SOLUTION CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : LECTURER, DULIAJAN COLLEGE, DULIAJAN, 1971-72; J.S.A., C.E.C.R.I., KARAIKUDI, 1972-75; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1975-88; SCIENTIST EI, R.R.L., JORHAT SINCE JUNE, 1989.

PRESENT ACTIVITIES : R & D IN PESTICIDAL ANALYSIS.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PAPER PRESENTED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 18, TESTING - 15, TEACHING - 1.

2963

SHRI DILIP KUMAR DUTTA; (B. MARCH 1, 1948),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. MECHANICAL - DIBRUGARH '70.

SPECIALIZATIONS : DESIGN AND DEVELOPMENT OF PROCESS EQUIPMENTS; WORKSHOP FABRICATION; HIGH PRESSURE WELDING.

EXPERIENCE : J.R.F. (C.S.I.R.), TOCKLAI EXPERIMENTAL STATION, TOCKLAI, 1971-75; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1975-87; SCIENTIST EI, R.R.L., JORHAT SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : DESIGN AND DEVELOPMENT OF PROCESS EQUIPMENTS; R & D; TECHNICAL SERVICES MANAGEMENT.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 5, PATENTS FIELD - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, DESIGN - 15, TECH. DEV. - 16, PILOT PLANT - 10, CONSULTANCY - 10, CONSTRUCTION - 10, OPERATION - 4, MAINTENANCE - 10, INDUSTRIAL MANAGEMENT - 7, PLANNING - 8, TECHNOLOGY TRANSFER - 30, TECHNO ECONOMIC SURVEY - 7.

2964

SHRI P C GOSWAMI; (B. DECEMBER 1, 1942),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. ELECTRICAL - DIBRUGARH '65; M.TECH. POWER SYSTEM ENGINEERING - I.I.T., KHARAGPUR '70.

SPECIALIZATIONS : POWER SYSTEMS; ELECTRICAL MACHINES.

EXPERIENCE : LECTURER AND ASSISTANT PROFESSOR, ASSAM TECHNICAL EDUCATION SERVICE, 1965-81; SCIENTIST C, R.R.L., JORHAT 1981-87; SCIENTIST EI, R.R.L., JORHAT SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D; OPERATION AND MAINTENANCE.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 9, OPERATION - 9, MAINTENANCE - 9, TEACHING - 16.

2965

DR N M D HASAN; (B. JANUARY 1, 1952),

MEDICAL OFFICER (EI), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.B.B.S. - DIBRUGARH '74; D.I.H. INDUSTRIAL HEALTH - CALCUTTA '81; M.D. CLINICAL BIOCHEMISTRY - DIBRUGARH '86.

SPECIALIZATIONS : INDUSTRIAL HEALTH; CLINICAL MEDICINE; CLINICAL BIOCHEMISTRY; HEALTH CARE DELIVERY.

EXPERIENCE : S.R.F., ASSISTANT SURGEON (B) AND MEDICAL OFFICER (C), R.R.L., JORHAT, 1976-88; MEDICAL OFFICER (EI), R.R.L., JORHAT SINCE JANUARY, 1988.

PRESENT ACTIVITIES : PROFESSIONAL PRACTICE.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROFESSIONAL PRACTICE - 14.

2966

SHRI PURNENDU BIKASH KANJILAL; (B. JANUARY 1, 1950),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. AGRICULTURAL BOTANY - GAUHATI '70.

SPECIALIZATIONS : AGRONOMY; EXTENSION WORK.

EXPERIENCE : RESEARCH ASSISTANT, AGRICULTURE DEPARTMENT, GOVERNMENT OF ASSAM, 1971-75; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1975-88; SCIENTIST EI, R.R.L., JORHAT SINCE MAY, 1988.

PRESENT ACTIVITIES : INTRODUCTION, ACCLIMATISATION, AGRONOMICAL TRIALS, EXTENSION AND TECHNOLOGY TRANSFER OF MEDICINAL AND AROMATIC PLANTS.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, EXTENSION - 15, MAINTENANCE - 7, TECHNOLOGY TRANSFER - 12.

2967

DR J C S KOTOKY; (B. JANUARY 1, 1951),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '71; M.SC. ORGANIC CHEMISTRY - GAUHATI '73; PH.D. CHEMISTRY - GAUHATI '78.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS; DRUGS AND PESTICIDES.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT 1973-88; (ALSO POST-DOCTORAL FELLOW, UNIVERSITY OF KOLN, WEST GERMANY, 1979-81); SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : ASSAMESE, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATION & PATENTS : RES. PAPERS - 26, TECH. REPORTS - 3, RADIO TALKS - 1, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 4, PATENTS FIELD - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 16, APP. RES. - 14, CONSULTANCY - 3, R & D MGMT. - 4, TECHNO-ECONOMIC SURVEYS - 1.

2968

SHRI R K MAZUMDAR; (B. SEPTEMBER 8, 1937),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '77; DIPLOMA IN FUEL TECHNOLOGY - INSTITUTE OF FUEL, LONDON, U.K. '63.

SPECIALIZATIONS : UTILIZATION OF BY-PRODUCTS AND WASTE-PRODUCTS OF PETROLEUM AND NATURAL GAS; UTILISATION OF COKE OVEN BYPRODUCTS; PROCESS DEVELOPMENT; EVALUATION AND TESTING OF PETROLEUM AND COAL TAR PRODUCTS.

EXPERIENCE : TEACHER, H.S. SCHOOL, COOCH BEHAR, 1958-60; J.L.A., S.L.A. AND J.S.A., C.F.R.I., DHANBAD, 1960-65; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1965-88; (ALSO TRAINING IN NATURAL GAS-HANDLING PROCESSES AND UTILISATION, ROMANIA, 1970); SCIENTIST EI, R.R.L., JORHAT SINCE JUNE, 1988.

PRESENT ACTIVITIES : R & D AND PROCESS DEVELOPMENT OF FLOW IMPROVERS.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ASSAMESE, ENGLISH, GERMAN, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 4, PATENTS FILED - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, TECH. DEV. - 11, PILOT PLANT - 16, CONSULTANCY - 10, R & D MGMT.- 5, OPERATION - 7, TESTING - 22, QUALITY CONTROL - 5, TEACHING - 2, TECHNOLOGY TRANSFER - 7.

2969

SHRI P N NAMPOOTHIRI; (B. DECEMBER 7, 1936),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - KERALA '59; P.G. COURSE IN ELECTRONICS & COMMUNICATION ENGINEERING, ST. ALBERTJEOTHG ERNAKULAM, KERALA '62.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION.

EXPERIENCE : RADIO TECHNICIAN/S.I., POLICE DEPARTMENT, MANIPUR, 1963; S.L.A. AND J.S.A., C.M.R.S., DHANBAD, 1963-68; S.S.A., SCIENTIST A , SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1968-91; (ALSO TRAINING IN (1) COMPUTER SCIENCE, I.I.T., KANPUR, 1972 (2) LINEAR I.CS AND ITS APPLICATIONS AT IDEMI BOMBAY (3) INSTRUMENT TECHNOLOGY ENGINEERING STAFF COLLEGE INSTITUTION OF ENGINEERS (4) OPERATION OF X-RAY DEFROMETER, JEOL JAPAN); SCIENTIST EI, R.R.L., JORHAT SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : SERVICING AND MAINTENANCE OF ELECTRONIC INSTRUMENTS.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 24.

2970

DR G S PATIL; (B. JANUARY 5, 1943),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - JABALPUR '64; PH.D. SURFACE CHEMISTRY - POONA '69.

SPECIALIZATIONS : SURFACE CHEMISTRY.

EXPERIENCE : POST DOCTORAL FELLOW, U.S.A., 1969-72; POOL OFFICER (C.S.I.R.), N.C.L., POONA, 1972-74; RESEARCH ASSOCIATE, OHIO STATE UNIVERSITY, U.S.A., 1974-77; POOL OFFICER (C.S.I.R.), RESEARCH ASSOCIATE AND SCIENTIST C, R.R.L., JORHAT, 1978-86; SCIENTIST EI, R.R.L., JORHAT SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 21.

2971

SHRI PROBIN CHANDRA RAJKHOWA; (B. JANUARY 1, 1941),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '62.

SPECIALIZATIONS : EXTRACTION OF CAFFEINE FROM TEA-WASTE; R & D MANAGEMENT.

EXPERIENCE : J.L.A. AND S.L.A., C.F.R.I., DHANBAD, 1962-66; J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1966-91; SCIENTIST EI, R.R.L., JORHAT SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : PLANNING, MONITORING AND EVALUATION OF R & D PROJECTS.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2, PATENTS TAKEN - 3, PATENTS FILED - 3, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, PILOT PLANT - 1, CONSULTANCY - 1, SURVEY OF NATURAL RESOURCES - 3, TECHNOLOGY TRANSFER - 2, PLANNING & COORDINATION - 11.

2972

DR K VENKATESWARA RAO; (B. NOVEMBER 10, 1951),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. OSMANIA - 69; M.SC. ORGANIC CHEMISTRY - OSMANIA '72; PH.D. SYNTHETIC ORGANIC CHEMISTRY - OSMANIA '77.

SPECIALIZATIONS : SYNTHESIS AND CHARACTERIZATION OF POLYMERS; PETROLEUM PRODUCTS AND ADDITIVES IN PETROLEUM INDUSTRY.

EXPERIENCE : J.R.F., S.R.F. AND POST-DOCTORAL FELLOW, OSMANIA UNIVERSITY, HYDERABAD, 1972-77; SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1977-86; SCIENTIST EI, R.R.L., JORHAT SINCE JULY, 1986.

PRESENT ACTIVITIES : R & D IN ADDITIVES FOR PETROLEUM CRUDE PRODUCTION AND TRANSPORTATION; DRILLLING MUD ADDITIVES; BASIC RESEARCH & KINETICS OF POLYMERIZATION AND COPOLYMERIZATION.

LANGUAGES : TELUGU, HINDI, ASSAMESE, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PROCESSES DEVELOPED - 2, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 6, TECH. DEV. - 6, QUALITY CONTROL - 5, PLANNING - 4.

2973

SHRI S A A RIZVI; (B. MAY 27, 1943),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - SAUGAR '63; M.SC. ORGANIC CHEMISTRY - SAUGAR '65.

SPECIALIZATIONS : PROCESS AND PRODUCT DEVELOPMENT; EVALUATION OF PETROLEUM CRUDE OILS; FLOW IMPROVER ADDITIVES.

EXPERIENCE : JUNIOR LECTURER, DIRECTORATE OF TECHNICAL EDUCATION, U.P., KANPUR, 1965-67; LECTURER, DIRECTORATE OF EDUCATION, U.P., ALLAHABAD, 1967-68; J.L.A., S.L.A. AND J.S.A., I.I.P., DEHRA DUN, 1968-72; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L.,JORHAT, 1972-87; SCIENTIST EI, R.R.L., JORHAT SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D IN ADDITIVES FOR PETROLEUM PRODUCTS; RHEOLOGY AND TRANSPORTATION OF CRUDE OILS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 8, PILOT PLANT - 3, CONSULTANCY - 2, QUALITY CONTROL - 4, TEACHING - 3, PLANNING - 4.

2974

DR MANOJ K ROY; (B. FEBRUARY 8, 1943),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '65; M.SC. BOTANY - CALCUTTA '67; PH.D. MICROBIOLOGY - CALCUTTA '74.

SPECIALIZATIONS : FERMENTATION; MOLECULAR GENETICS; RNA PROCESSING.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1973-87; (ALSO POST DOCTORAL RESEARCH FELLOW TO STUDY RNA PROCESSING, SCHOOL OF MEDICINE, WASHINGTON UNIVERSITY, U.S.A., 1979-82); SCIENTIST EI, R.R.L., JORHAT SINCE OCTOMBER, 1987.

PRESENT ACTIVITIES : RESEARCH IN MOLECULAR GENETICS.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 6.

2975

SHRI TARUN CHANDRA SARMA; (B. FEBRUARY 1, 1950),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '69; M.SC. AGRICULTURAL BOTANY - GAUHATI '71. PH.D. BIO-TECHNOLOGY - GAUHATI UNIV '91.

SPECIALIZATIONS : BIOTECHNOLOGY ON MEDICINAL, AROMATIC AND ECONOMIC PLANTS; EXTENSION, ADVISORY SERVICES ON MEDICINAL AND ECONOMIC PLANTS.

EXPERIENCE : S.S.A, SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1972-88; SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D; EXTENSION OF MEDICINAL AND ECONOMIC PLANTS.

LANGUAGES : ASSAMESE, ENGLISH. BENGALI.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 7, POPULAR SCIENCE ARTICLES - 5. PROCESSES DEVELOPED - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, EXTENSION - 14, CONSULTANCY - 14, TECHNOLOGY TRANSFER - 12.

2976

SHRI H P SHARMA; (B. SEPTEMBER 1, 1948),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '70.

SPECIALIZATIONS : PROCESS DESIGN; TECHNOECONOMIC FEASIBILITY STUDIES; INDUSTRIAL ENGINEERING; PROCESS DEVELOPMENT.

EXPERIENCE : LECTURER, ASSAM ENGINEERING COLLEGE, GAUHATI, 1971-72; JUNIOR ENGINEER, M/S ASSAM PETROCHEMICALS LTD., NAMRUP, 1972-77; (ALSO INDUSTRIAL TRAINING, JAPAN, 1975); SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1977-87; SCIENTIST EI, R.R.L., JORHAT SINCE MAY, 1987.

PRESENT ACTIVITIES : PROCESS DESIGN & DEVELOPMENT.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH, RUSSIAN.

VISITED : JAPAN.

PROFESSIONAL EXPERIENCE(IN YEARS) DESIGN, CONSULTANCY, CONSTRUCTION, OPERATION, (TOTAL: 18 YEARS), TEACHING - 2.

2977

DR RABIN KUMAR SHARMA; (B. JUNE 1, 1949),

SCIENTIST EI, R.R.L. SUBSTATION, SHILLONG (REGIONAL RESEARCH LABORATORY, JORHAT).

QUALIFICATIONS : M.SC. AGRICULTURAL BOTANY - GAUHATI '70; PH.D. AGRICULTURAL BOTANY - GAUHATI '86.

SPECIALIZATIONS : PLANT PHYSIOLOGY; MEDICINAL AND ECONOMIC PLANTS; FARM MANAGEMENT.

EXPERIENCE : RESEARCH ASSISTANT, AGRICULTURAL DEPARTMENT, ASSAM, 1972-73; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1973-88; SCIENTIST EI, R.R.L., JORHAT SINCE MAY, 1988.

PRESENT ACTIVITIES : R & D; EXTENSION; LIAISON; FARM MANAGEMENT.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 6, RADIO TALKS - 2, TECHNOLOGY TRANSFER - 8, CONSULTANCY - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : R & D MGMT., SURVEY OF NATURAL RESOURCES, ADMN., EXTENSION, LIAISON, FARM MANAGEMENT (TOTAL: 19 YEARS).

2978

DR VISHUNU SWAROOP SHUKLA; (B. JULY 1, 1939),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - AGRA '56; M.SC. CHEMISTRY - AGRA '58; PH.D. CHEMISTRY - GAUHATI '86.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PLANT CHEMISTRY; ESSENTIAL OILS; FRUIT PRODUCTS; DRILLING MUD ADDITIVES; PLANT GROWTH REGULATION; DRUGS; UTILIZATION OF LIGNOCELLULOSIC MATERIALS.

EXPERIENCE : RESEARCH SCHOLAR AND J.S.A., H.B.T.I., KANPUR, 1958-60; S.S.A., R.R.L., JAMMU, 1960-62; J.S.O., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1962-83; SCIENTIST EI, R.R.L., JORHAT SINCE FEBRUARY, 1983.

PRESENT ACTIVITIES : R & D IN PLANT CHEMISTRY.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, REVIEW PAPERS - 1, REVIEW NOTES - 1, ARTICLES - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 18.

2979

SHRI KEDAR PRASAD SINGH; (B. OCTOBER 12, 1941),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL - RANCHI '65; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '71; A.M.I.I. CH.E. - INSTITUTION OF CHEMICAL ENGINEERS, INDIA '82.

SPECIALIZATIONS : PETROLEUM REFINING ENGINEERING AND PETROCHEMICALS; HIGH POLYMER TECHNOLOGY; SOLVENT EXTRACTION; PESTICIDES; ESSENTIAL OILS; COAL.

EXPERIENCE : S.S.A., I.I.P., DEHRA DUN, 1971-76; SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT 1976-87; SCIENTIST EI, R.R.L., JORHAT, SINCE MAY, 1987.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT & DESIGN; APPLIED & BASIC RESEARCH.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 11, ARTICLES - 1, PAPERS PRESENTED IN SEMINARS - 5, PATENTS FILED - 2, PROCESSES DEVELOPED - 9, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 20, DESIGN - 6 PILOT PLANT - 18, OPERATION - 12, TESTING - 2, CONSULTANCY - 6.

2980

DR R S SINGH; (B. NOVEMBER 26, 1944),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. AGRICULTURE - GORAKHPUR '64, M.SC. AGRONOMY - AGRA '67; PH.D. AGRONOMY - AGRA '72.

SPECIALIZATIONS : AGRONOMY; CROP MANAGEMENT.

EXPERIENCE : LECTURER, MAHAVIR COLLEGE, MALIKPURA, GHAZIPUR, 1967-69; J.R.F., N.B.R.I., LUCKNOW, 1969-72; S.S.A., SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT 1972-88; SCIENTIST EI, R.R.L., JORHAT, SINCE MARCH, 1988.

PRESENT ACTIVITIES : RESEARCH, DEVELOPMENT, TECHNOLOGY TRANSFER AND CONSULTANCY.

LANGUAGES : HINDI, ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TEACHING - 19.

2981

DR RAVENDRA PAL SINGH; (B. JULY 31, 1946),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) AG. & A.H. - G.B.P.U.A.T. '66; M.SC. MICROBIOLOGY AND ORGANIC CHEMISTRY - G.B.P.U.A.T. '69; PH.D. BIOCHEMISTRY AND MICROBIOLOGY - G.B.P.U.A.T. '76.

SPECIALIZATIONS : BIOCHEMISTRY AND GENETICS OF BACTERIAL SPORULATION; MECHANISM OF STEROIDS AND RELATED DRUGS IN EUKARYOTES; ENZYMOLOGY; ANAROBIC MICROBIOLOGY; GENE RECOMBINATION TECHNOLOGY.

EXPERIENCE : LECTURER/SENIOR RESEARCH ASSISTANT, G.B. PANT UNIVERSITY OF A&T, PANTNAGAR, 1969-76; RESEARCH ASSOCIATE AND BIOCHEMIST, UNIVERSITY OF CONNECTICUT HEALTH CENTRE, FARMINGTON, U.S.A., 1976-80; POOL OFFICER (CSIR), PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA, 1981-82; SCIENTIST C, R.R.L., JORHAT, 1982-88; SCIENTIST EI, R.R.L., JORHAT SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., GERMANY, CANADA, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 39.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, TEACHING - 12.

2982

DR M V D SITARAM; (B. FEBRUARY 10, 1944),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - ANDHRA '63; M.SC. (TECH.) GEOPHYSICS - ANDHRA '66; PH.D. GEOPHYSICS - I.S.M. '81.

SPECIALIZATIONS : OBSERVATIONAL SEISMOLOGY; MAINTENANCE OF GLOBAL SEISMOGRAPH STATIONS; SEISMOGRAM ANALYSIS; HOMOGENIZATION OF EARTHQUAKE MAGNITUDES; SOUTHERN PENINSULAR INDIA SEISMICITY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, N.G.R.I., HYDERABAD, 1968-81; (ALSO RESEARCH IN (1) MAXIMUM VELOCTITY AMPLITUDES OF PANDS WAVES FROM FILTERED BROAD BAND RECORDS, (2) SEISMICITY AND DEEP STRUCTURE OF THE INDO-BURMAN PLATE MARGIN CZECHOSLOVAKIA, 1977); SCIENTIST C, R.R.L., JORHAT 1981-87; SCIENIST EI, R.R.L., JORHAT SINCE JULY, 1987.

PRESENT ACTIVITIES : MONITORING OF NORTH EAST INDIA SEISMICITY COMPUTER BASED SEISMIC DATA PROCESSING AND PREPARATION OF SEISMOLOGICAL BULLETINS; SUB-MOHO P-WAVE VELOCITIES; GEOTHERMAL MODEL; STRUCTURES; SIGNAL DURATION MAGNITUDES.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 11 TECH. REPORTS - 2, ABSTRACTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23, APP. RES. - 23, TEACHING 1.

2983

SHRI R C SRIVASTAVA; (B. MARCH 4, 1948),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GORAKHPUR '67; B.SC. CHEMICAL TECHNOLOGY - KANPUR '70; M.SC. CHEMICAL TECHNOLOGY - KANPUR '72.

SPECIALIZATIONS : PROCESS DESIGN AND DEVELOPMENT; ENVIRONMENTAL POLLUTION CONTROL; BIOTECHNOLOGY; FLUIDIZATION.

EXPERIENCE : S.S.A. AND SCIENTIST B AND SCIENTIST C, R.R.L. JORHAT, 1973-88; SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN POLLUTION CONTROL, ENERGY AND BIOTECHNOLOGY.

LANGUAGES : HINDI, ENGLISH.

PUBLICATION & PATENTS : REPORT - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, DESIGN - 10, TECH. DEV. - 10, PILOT PLANT - 10, CONSULTANCY - 7.

2984

DR I SURYANARAYANA; (B. SEPTEMBER 21, 1951),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - OSMANIA '69; M.SC. PHYSICAL CHEMISTRY - OSMANIA '72; PH.D. CHEMISTRY - OSMANIA '77.

SPECIALIZATIONS : MOLECULAR SPECTROSCOPY; COMPUTER CHEMISTRY; ANALYTICAL CHEMISTRY; PETROLEUM CHEMISTRY.

EXPERIENCE : PDF - ORG. CHEMISCES INST, GERMANY. 1981-83; SCIENTIST B AND SCIENTIST C, R.R.L., JORHAT, 1977-88; SCIENTIST EI, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, DENMARK, AUSTRIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, REVIEW PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 13, OPERATION - 13, TESTING - 13, QUALITY CONTROL - 13.

2985

SHRI PROMOD CHANDRA TAMULY; (B. MARCH 1, 1948),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '68; M.SC. GEOLOGY - GAUHATI '70; DIPLOMA IN PETROLEUM TECHNOLOGY - DIBRUGARH '74.

SPECIALIZATIONS : EDITING AND PUBLICATION; INFORMATION DISSEMINATION; EXHIBITIONS; AUDIOVISUALS.

EXPERIENCE : RESEARCH ASSISTANT, ROAD RESEARCH LABORATORY, GAUHATI, 1971-74; ASSISTANT GEOLOGIST, DEPARTMENT OF GEOLOGY AND MINES, GOVT. OF ASSAM, 1974-75; S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1975-83; SCIENTIST C, R.R.L., JORHAT 1983-88; SCIENTIST EI, R.R.L., JORHAT SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : INFORMATION DISSEMINATION, PUBLICATION, TECHNOLOGY UTILIZATION AND MASS COMMUNICATION.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 650, POPULAR SCIENCE BOOKS - 4,

AWARDS & DISTINCTIONS : XIII AND XVII NATIONAL AWARDS FOR CHILDREN LITERATURE, 1967 AND 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNOLOGY TRANSFER - 15, EDITING - 15, PUBLIC RELATIONS - 15.

2986

DR M N VENKATARAMANAN; (B. JULY 24, 1944),

SCIENTIST EI, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - JABALPUR '65; M.SC. BOTANY - JABALPUR '67; PH.D. BOTANY - MADRAS '73.

SPECIALIZATIONS : PLANT PATHOLOGY; MICROBIOLOGY; MYCOLOGY.

EXPERIENCE : P.D.F. (C.S.I.R.). CENTRE FOR ADVANCED STUDIES IN BOTANY, MADRAS, 1972-73;ASSISTANT PROFESSOR, COLLEGE OF AGRICULTURE , DAPOLI, 1973-76; POOL OFFICER(C.S.I.R.), TOCKLAI EXPERIMENTAL STATION, JORHAT, 1976-79; SCIENTIST B AND SCIENTIST C 1979-89; SCIENTIST EI, R.R.L., JORHAT SINCE MAY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL. HINDI. MARATHI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19. TEACHING - 4.

2987

SHRI R K ADHIKARY; (B. MARCH 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - GAUHATI '69; M.SC. AGRICULTURAL BOTANY - GAUHATI '71.

SPECIALIZATIONS : AGRONOMY; MUSHROOM SCIENCE.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B. R.R.L., JORHAT. 1973-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN EDIBLE MUSHROOMS.

LANGUAGES : ASSAMESE. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 2, ARTICLES - 5. PROCESSES DEVELOPED - 2. RADIO TALKS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 12, PILOT PLANT - 4. R & D MGMT. - 10. MAINTENANCE - 5, INDUSTRIAL MGMT. - 4, TECHNOLOGY TRANSFER - 15. EXTENSION - 17.

2988

SHRI WAHIDUDDIN AHMAD; (B. APRIL 20, 1950),

SCIENTIST C. REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : M.SC. PHYSICS - GAUHATI '72.

SPECIALIZATIONS : INSTRUMENTATION.

EXPERIENCE : TEACHER. KENDRIYA VIDYALAYA. JORHAT, 1972-75; S.S.A. AND SCIENTIST B. R.R.L., JORHAT. 1975-85; SCIENTIST C. R.R.L., JORHAT SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : MAINTENANCE OF ELECTRONIC EQUIPMENTS.

LANGUAGES : ASSAMESE, BENGALI, HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 16. TEACHING - 3.

2989

SHRI P BARKATATI; (B. APRIL 24, 1957),

SCIENTIST C. REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATION : B.SC(HONS) CHEMISTRY - DIBRUGARH '77; B.E CHEMICAL ENGINEERING - DIBRUGARH '82; M.SC (S&T) COMPUTER APPLICATION & R & D MANAGEMENT - BITS. PILANI '91.

SPECIALISATIONS : CHEMICAL ENGINEERING; MINI CEMENT PLANT TECHNOLOGY.

EXPERIENCE : PROJECT ASSISTANT AND SCIENTIST B. R.R.L.. JORHAT. 1983-88; SCIENTIST C. R.R.L.. JORHAT SINCE APRIL. 1993.

LANGUAGES : ASSAMESE. HINDI. BENGALI. ENGLISH.

2990

DR(MRS) ARCHANA BARTHAKUR; (B. SEPTEMBER 5, 1949),

SCIENTIST C. REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '68; M.SC. BIOCHEMISTRY - CALCUTTA '70; PH.D BIOCHEMISTRY - GAUHATI '92.

SPECIALIZATIONS : PROTEIN BIOSYNTHESIS; BIOCHEMISTRY.

EXPERIENCE : RESEARCH FELLOW, CALCUTTA UNIVERSITY. CALCUTTA. 1971-73; ASST. TEACHER, LABAN ASSAMESE GIRLS HIGH SCHOOL, SHILLONG, 1979; SCIENTIST B. R.R.L.. JORHAT. 1981-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN MANAGEMENT OF WATER HYACINTH AND BIOMETHANATION FROM WASTE.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH. FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4. APP. RES. - 6, TEACHING - 1.

2991

DR ANJAN BARUA; (B. FEBRUARY 1, 1949),

SCIENTIST C, REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : M.SC. AGRICULTURAL BOTANY - GAUHATI '70; PH.D. PLANT PHYSIOLOGY - GAUHATI UNIV. '84.

SPECIALIZATIONS : PHYSIOLOGICAL PLANT PATHOLOGY.

EXPERIENCE : J.R.F., TOCKLAI EXPERIMENTAL STATION, JORHAT, 1971-75; S.S.A. AND SCIENTIST B. R.R.L., JORHAT. 1975-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : ASSAMESE. HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8. POPULAR ARTICLES - 40

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 12, CONSULTANCY - 5, R & D MGMT. - 7.

2992

DR N C BARUA; (B. MARCH 8, 1954),

SCIENTIST C. REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '74; M.SC. CHEMISTRY - GAUHATI '76; PH.D. ORGANIC CHEMISTRY - GAUHATI '81.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST B. R.R.L., JORHAT. 1980-86; (ALSO ALEXANDER VON HUMBOLDT POST DOCTORAL FELLOW. UNIVERSITY OF KONSTANZ, W. GERMANY. 1984-86); SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : RESEARCH IN CHEMISTRY OF NATURAL PRODUCTS AND OIL FIELD CHEMICALS.

LANGUAGES : ASSAMESE. HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, SWITZERLAND, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 38.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13.

2993

DR(MS) ANJANA BARUAH; (B. JANUARY 27, 1957),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - VISVA BHARATI '77; M.SC. BOTANY - VISVA BHARATI '79; PH.D. BOTANY - CALCUTTA '86; DIPLOMA IN GERMAN - VISVA BHARATI '79.

SPECIALIZATIONS : GENETICS AND PLANT BREEDING; CYTOTOXICITY AND GENOTOXICITY; TISSUE CULTURE.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT 1984-86; SCIENTIST C, R.R.L., JORHAT, SINCE AUGUST, 1989.

PRESENT ACTIVITIES : RESEARCH IN PLANT IMPROVEMENT BY TISSUE CULTURE TECHNOLOGY.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, ARTICLES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 5.

2994

SHRI B BARUAH; (B. APRIL 1, 1944),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

2995

DR SHASHI DHAR BARUAH; (B. FEBRUARY 28, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '74; M.SC. CHEMISTRY - DIBRUGARH '76., PH.D. CHEMISTRY - DIBRUGARH '81.

SPECIALIZATIONS : POLYMER CHEMISTRY; COORDINATION CHEMISTRY; KINETICS OF POLYMERIZATION SYSTEMS.

EXPERIENCE : LECTURER, DIGBOI COLLEGE, DIGBOI, 1976-77; S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1980-87; (ALSO POST-DOCTORAL RESEARCH TRAINING 1981-82); SCIENTIST C, R.R.L., JORHAT SINCE MAY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

VISITED : CANADA, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PAPERS PRESENTED - 9, PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 9, TEACHING - 4.

2996

DR R L BEZBARUAH; (B. JANUARY 1, 1956),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - DIBRUGARH '75; M.SC. BOTANY - GAUHATI '77; PH.D. MICROBIOLOGY - DIBRUGARH '86.

SPECIALIZATIONS : MICROBIOLOGY; ENZYMOLOGY.

EXPERIENCE : LECTURER. BAHONA COLLEGE, JORHAT, SCIENTIST B. R.R.L., JORHAT, 1978-84; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1984.

PRESENT ACTIVITIES : R & D IN INDUSTRIAL ENZYMES; PRODUCTION OF INDUSTRIAL ALCOHOL; MICROBIAL DESULFURIZATION OF PETROLEUM.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10. APP. RES. - 10, TEACHING - 7.

2997

SHRI P R BHATTACHARYYA; (B. OCTOBER 22, 1955),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. AGRICULTURE - ASSAM AGRICULTURAL UNIVERSITY '76; M.SC. AGRICULTURE - G.B.P.U.A.T., PANT NAGAR '79.

SPECIALIZATIONS : ENTOMOLOGY.

EXPERIENCE : INTERNATIONAL DEVELOPMENTAL ASSOCIATION FELLOW, SENIOR RESEARCH ASSISTANT AND ASSISTANT PROFESSOR, ASSAM AGRICULTURAL UNIVERSITY, JORHAT, 1979-81; SCIENTIST B, R.R.L., JORHAT 1981-86; SCIENTIST C, R.R.L., JORHAT SINCE AUGUST, 1986.

PRESENT ACTIVITIES : RESEARCH ON INSECT PESTS OF MEDICINAL AND AROMATIC PLANTS; INSECT TOXICOLOGICAL STUDIES; ENVIRONMENTAL POLLUTION EFFECT ON INSECTS.

LANGUAGES : ASSAMESE, HINDI,BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES.- 5, CONSULTANCY - 3, TEACHING - 1, TECHNOLOGY TRANSFER - 2.

2998

DR M BORA; (B. OCTOBER 2, 1952),

SCIENTIST C. REGIONAL RESEARCH LABORATORY, JORHAT.

2999

SHRI PABAN BORA; (B. AUGUST 1, 1955),

SCIENTIST C. REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. GEOLOGY - GAUHATI '77; DIPLOMA IN PETROLEUM TECHNOLOGY - DIBRUGARH '79.

SPECIALIZATIONS : PETROLEUM EXPLORATION; PETROLEUM MICROBIOLOGY AND GEOCHEMISTRY; GEOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1981-83; SCIENTIST C, R.R.L., JORHAT SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : RESEARCH IN PETROLEUM TECHNOLOGY.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 1.

PROFESSIONAL EXPERINCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 1, SURVEY OF NATURAL RESOURCES - 3.

3000

SHRI U C BORA; (B. FEBRUARY 1, 1943),

ENGINEER (C), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CIVIL - GAUHATI '66; A.M.I.E. CIVIL - INSTITUTION OF ENGINEERS, INDIA '73.

SPECIALIZATIONS : CIVIL CONSTRUCTION.

EXPERIENCE : LECTURER, EDUCATION DEPARTEMENT, ASSAM, 1966-74; ASSISTANT ENGINEER (A) AND ENGINEER (B), R.R.L., JORHAT, 1974-84; ENGINEER (C), R.R.L., JORHAT SINCE SEPTEMBER, 1984.

PRESENT ACTIVITIES : CIVIL CONSTRUCTION AND MAINTENANCE.

LANGUAGES : ASSAMESE, HINDI, BENGALI, SANSKRIT, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 7, MAINTENANCE - 7, TEACHING - 18.

3001

SHRI R C BORAH; (B. NOVEMBER 11, 1952),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '76; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '84.

SPECIALIZATIONS : PROCESS DEVELOPMENT; MATHEMATICAL MODELLING OF FLUIDIZED-BED COMBUSTION OF HIGH SULPHUR NE GAS; PRODUCTION OF CHANNEL BLACK FROM NATURAL GAS; RHEOLOGICAL PROPERTIES OF COAL.

EXPERIENCE : GRADUATE APPRENTICE, HINDUSTAN FERTILISER CORP. OF INDIA, NAMRUP, 1976-77; CHEMIST, ASSAM WOOD PRODUCTS PVT. LTD., 1977-78; RESEARCH ASSISTANT, S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1978-87; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : PILOT PLANT STUDY OF ATMOSPHERIC FLUID-BED COMBUSTION OF HIGH SULPHUR N.E. COAL.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 1, PILOT PLANT - 5.

3002

DR ARUN BORTHAKUR; (B. SEPTEMBER 1, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - DIBRUGARH '74; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '76; PH.D. CHEMISTRY - GAUHATI '84.

SPECIALIZATIONS : PETROLEUM ADDITIVES FOR CRUDE OIL RECOVERY.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1978-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN PETROLEUM ADDITIVES FOR CRUDE OIL RECOVERY AND TRANSPORTATION.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1, PATENTS FIELD - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 8, PILOT PLANT - 3, TESTING - 2, QUALITY CONTROL - 3.

3003

DR PARAN BORUAH; (B. NOVEMBER 1, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. AGRICULTURE - ASSAM AGRICULTURAL UNIVERSITY '76; M.SC. AGRICULTURE - G.B.P.U.A.T., PANT NAGAR '79; PH.D AGRICULTURE - A.A.U. '91.

SPECIALIZATIONS : PLANT PATHOLOGY.

EXPERIENCE : AGRICULTURAL EXTENSION OFFICER, DEPARTMENT OF AGRICULTURE, ASSAM, 1979-81; SENIOR RESEARCH ASSISTANT AND ASSISTANT PROFESSOR, ASSAM AGRICULTURAL UNIVERSITY, JORHAT, 1981-83; SCIENTIST B, R.R.L., JORHAT, 1983-88; SCIENTIST C, R.R.L., JORHAT SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : RESEARCH ON DISEASES OF MEDICINAL AND ECONOMIC PLANTS; DEVELOPMENT OF BIOCONTROL AGENTS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 5, APP. RES. - 5, CONSULTANCY - 4, TEACHING - 2, EXTENSION - 5.

3004

DR R C BORUAH; (B. JULY 1, 1953),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - DIBRUGARH '76; PH.D. CHEMISTRY - DIBRUGARH '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1978-84; (ALSO HIGHER STUDIES IN ORGANIC CHEMISTRY, UNDER C.S.I.R. - D.A.A.D. EXCHANGE PROGRAMME, W. GERMANY, 1982-83); SCIENTIST C, R.R.L., JORHAT SINCE SEPTEMBER, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 34.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 11.

3005

DR RAJANI KANTA BORUAH; (B. MARCH 1, 1957),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - DIBRUGARH '76; M.SC. PHYSICS - DIBRUGARH '78; PH.D. PHYSICS - DIBRUGARH '84.

SPECIALIZATIONS : SAMPLE ANALYSIS AND CRYSTAL STRUCTURE DETERMINATION; LASER OPTICS; SPECTROSCOPY.

EXPERIENCE : LECTURER, NAMRUP COLLEGE, NAMRUP, 1978-79; J.R.F. AND S.R.F. (U.G.C.), 1979-81; S.S.A. , SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1982-88; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D (X-RAY CRYSTALLOGRAPHIC STUDY).

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1, PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, TEACHING - 1.

3006

SHRI DIPAK CHANDA; (B. OCTOBER 1, 1940),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '64; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '74.

SPECIALIZATIONS : SUGARCANE WAX FROM PRESS MUD; DETERGENT FROM PADDY HUSK; FLOW IMPROVER FOR HIGH WAXY CRUDE OILS; RHEOLOGY OF CRUDE OILS.

EXPERIENCE : J.L.A., C.F.R.I., DHANBAD, 1962-66; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1966-86; SCIENTIST C, R.R.L. JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : TESTING, QUALITY CONTROL AND R & D; RHEOLOGY OF CRUDE OILS.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 22, PILOT PLANT - 1, CONSULTANCY - 3, TESTING - 20.

3007

DR S N CHOUDHURY; (B. DECEMBER 31, 1948),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. AGRICULTURAL BOTANY - GAUHATI '71; PH.D. AGRICULTURE - GAUHATI '85.

SPECIALIZATIONS : AGRONOMY.

EXPERIENCE : TECHNICAL ASSISTANT, FOOD CORPORATION OF INDIA, 1972-74; S.R.A., CENTRAL SILK BOARD, 1974-77; S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1977-86; (ALSO TRAINING IN ESSENTIAL OIL, INDO-BULGARIAN EXCHANGE PROGRAMME,BULGARIA, 1985); SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY,1986.

PRESENT ACTIVITIES : DEVELOPMENT OF AGROTECHNOLOGIES OF MEDICINAL PLANTS; TECHNOLOGY TRANSFER.

LANGUAGES : ASSAMESE, ENGLISH.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 12, TECH. DEV.- 6, CONSULTANCY - 8, R & D MGMT.- 9, QUALITY CONTROL - 3, TEACHING - 3.

3008

DR PRITISH KUMAR CHOWDHURY; (B. OCTOBER 15, 1955),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - GAUHATI '76; M.SC. ORGANIC CHEMISTRY - GAUHATI '78; PH.D. CHEMICAL TRANSFORMATION OF ABUNDANT NATURAL PRODUCTS - GAUHATI '82.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT 1982-87; (ALSO DAAD FELLOW FOR POST- DOCOTRAL RESEARCH IN SYNTHETIC ORGANIC CHEMISTRY, UNIVERSITY OF HANNOVER, W.GERMANY, 1984-86). SCIENTIST C, R.R.L., JORHAT SINCE APRIL, 1987.

PRESENT ACTIVITIES : RESEARCH IN CHEMISTRY OF NATURAL PRODUCTS AND STEROIDAL DRUGS; CHEMICAL AND PHARMACOLOGICAL INVESTIGATIONS OF MEDICINAL PLANTS OF NE REGION.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH, GERMAN.

VISITED : W. GERMANY, FRANCE, BELGIUM, SWITZERLAND, AUSTRIA, E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11.

3009

SHRI S K DAS; (B. SEPTEMBER 1, 1940),

SCIENTIST C, R.R.L. BRANCH, ITANAGAR (REGIONAL RESEARCH LABORATORY, JORHAT).

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - ASSAM '62.

SPECIALIZATIONS : BUILDING CONSTRUCTION.

EXPERIENCE : JUNIOR ENGINEER, S.T.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT 1967-88; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1988.

PRESENT ACTIVITIES : CIVIL CONSTRUCTION.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 24.

3010

SHRI LABANYAKUMAR DEVGOSWAMI; (B. MAY 17, 1940),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. MECHANICAL - GAUHATI '63; M.TECH. FARM MACHINERY AND POWER - I.I.T., KHARAGPUR '77.

SPECIALIZATIONS : MACHINE DESIGN; FARM MACHINERY DESIGN.

EXPERIENCE : LECTURER AND HEAD OF THE DEPARTMENT, ASSAM TECHNICAL EDUCATION SERVICE. 1964-83; SCIENTIST C, R.R.L., JORHAT SINCE JUNE, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ORIYA, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, DESIGN - 10, TECH. DEV. - 10, CONSULTANCY - 3, R & D MGMT. - 4, OPERATION - 15, TESTING - 20, MAINTENANCE - 20, TEACHING - 20. PLANNING - 10, ADMN. - 15.

3011

SHRI RANJU DUARAH; (B. MARCH 1, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.TECH. APPLIED GEOLOGY - DIBRUGARH '77.

SPECIALIZATIONS : SEISMOTECTONICS; GEODYNAMICS; ORE PETROGRAPHY; MINERALOGY.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT, 1981-86; SCIENTIST C, R.R.L., JORHAT, SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN SEISMOLOGY AND GEODYNAMICS.

LANGUAGES : ASSAMESE, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 6, CONSULTANCY - 2, SURVEY OF NATURAL RESOURCES - 4.

3012

DR D K DUTTA; (B. AUGUST 1, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - GUWAHATI '73; M.SC. INORGANIC CHEMISTRY GUWAHATI '75; PH.D. INORGANIC CHEMISTRY - DIBRUGARH '83.

SPECIALIZATIONS : INORGANIC CHEMISTRY; AGGLOMERATION OF IRON ORE FINES; COORDINATION CHEMISTRY.

EXPERIENCE : LECTURER. B.N. COLLEGE, DHUBRI, 1981-84; SCIENTIST B, R.R.L., JORHAT, 1984-89; SCIENTIST C, R.R.L., JORHAT SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, ASSAMESE. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. PATENTS FILED - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, TEACHING - 3.

3013

SHRI N N DUTTA; (B. OCTOBER 1, 1951),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '73; M. CHEM. ENGG. - BOMBAY '86.

SPECIALIZATIONS : MASS TRANSFER; CHEMICAL REACTION ENGINEERING; MULTIPHASE REACTORS.

EXPERIENCE : J.R.F.. S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1975-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D; PROCESS DEVELOPMENT AND DESIGN.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : PAPERS PUBLISHED - 18, TECH. REPORTS - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 8, DESIGN - 2, PILOT PLANT - 2, CONSULTANCY - 1, OPERATION - 1.

3014

DR S C DUTTA; (B. NOVEMBER 18, 1948),

SCIENTIST C, R.R.L. BRANCH, ITANAGAR (REGIONAL RESEARCH LABORATORY, JORHAT).

QUALIFICATIONS : B.SC. - B.H.U. '70; M.SC. CHEMISTRY - B.H.U. '72; PH.D. CHEMISTRY - B.H.U. '77.

SPECIALIZATIONS : ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : DEMONSTRATOR, INSTITUTE OF MEDICAL SCIENCES, VARANASI, 1972-75; S.R.F., (CSIR), B.H.U., 1976-77; LECTURER, SCIENCE COLLEGE, BANARAS HINDU UNIVERSITY, VARANASI, 1977-78; P.D.F. (C.S.I.R.), B.H.U., 1978-79; POOL OFFICER, R.R.L., JORHAT AND B.H.U., VARANASI, 1979-81; RESEARCH ASSOCIATE AND SCIENTIST B, R.R.L., JORHAT, 1981-86; SCIENTIST C, R.R.L., JORHAT SINCE APRIL, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, TEACHING - 4.

3015

SHRI S K GHOSH; (B. SEPTEMBER 3, 1947),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '67; DIPLOMA IN PULP AND PAPER TECHNOLOGY - INSTITUTE OF PAPER TECHNOLOGY, SAHARANPUR '70; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '77.

SPECIALIZATIONS : PAPER AND PLASTIC SLATE; CORRUGATED PAPER ROOFING SHEETS; FIBER BOARD; FIRE RETARDANT CHEMICALS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1971-82; SCIENTIST C, R.R.L., JORHAT SINCE MARCH. 1982.

PRESENT ACTIVITIES : R & D IN PAPER BOARD TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

VISITED : BURMA.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTIONS : FICCI AWARD FOR CORRUGATED ROOFING SHEET AND PAPER SLATE.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TECH. DEV. - 12, PILOT PLANT - 6.

3016

SHRI SUBRATA RANJAN GHOSH; (B. DECEMBER 1, 1943),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '66; POST GRADUATE DIPLOMA IN PULP AND PAPER TECHNOLOGY - ROORKEE '71; A.I.C. '87.

SPECIALIZATIONS : PULP, PAPER, BOARD AND ALLIED PRODUCTS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1972-84; SCIENTIST C, R.R.L. JORHAT SINCE FEBRUARY, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 10, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 9, PROCESSES UNDER UTILISATION - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, CONSULTANCY - 10, OPERATION - 4, TESTING - 15, PRODUCTION - 7, TECHNOLOGY TRANSFER - 4, EXTENSION - 6.

3017

DR BINOD KUMAR GOGOI; (B. MARCH 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '73; M.SC. CHEMISTRY - DIBRUGARH '75; PH.D. CHEMISTRY - GAUHATI '83

SPECIALIZATIONS : ENZYMOLOGY; FERMENTATION TECHNOLOGY.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1978-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D IN INDUSTRIAL ENZYMES; IMMOBILISATION OF WHOLE CELLS; PRODUCTION OF INDUSTRIAL ALCOHOL; MICROBIAL DESULFURIZATION OF PETROLEUM.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 5, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12.

3018

SHRI NIRMAL CHANDRA GOGOI; (B. MARCH 9, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '77.

SPECIALIZATIONS : PROCESS DESIGN AND DEVELOPMENT; INPLANT STUDIES; HAZARD STUDY AND RISK ANALYSIS.

EXPERIENCE : S.S:A. AND SCIENTIST B, R.R.L., JORHAT, 1978-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : PROCESS DESIGN AND DEVELOPMENT; INPLANT STUDY; SAFETY HAZARD AND RISK ANALYSIS; STUDIES ON LOOP REACTOR.

LANGUAGES : ASSAMESE, HINDI, SANSKRIT, BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, DESIGN - 12, TECH. DEV. - 12, PILOT PLANT - 12, CONSULTANCY - 12. R & D MGMT. - 3.

3019

SMT A GOSWAMI; (B. OCTOBER 22, 1956),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

3020

DR AMRIT GOSWAMI; (B. OCTOBER 22, 1955),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - DIBRUGARH '76; M.SC. ORGANIC CHMEISTRY - GAUHATI '78; PH.D. ORGANIC CHEMISTRY - DIBRUGARH '87.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ORGANOPHOSPHOROUS PESTICIDES.

EXPERIENCE : PROJECT ASSISTANT, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1978-87; SCIENTIST C, R.R.L., JORHAT SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D IN ORGANOPHOSPHOROUS PESTICIDES; NEWER SYNTHETIC METHODS IN ORGANIC CHEMISTRY.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, ARTICLES - 1, RADIO TALKS - 4, PROCESSES DEVELOPED - 2, PATENT - 1.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY; FELLOW, ASSAM CHEMICAL SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 12.

3021

DR B N GOSWAMI; (B. JANUARY 12, 1945),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC (HONS.) CHEMISTRY - GUWAHATI '66; B.T. - DIBRUGARH '74; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '75; PH.D. ORGANIC CHEMISTRY - DIBRUGARH - '85.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; PESTICIDES; DRUGS; HETEROCYCLIC CHEMISTRY.

EXPERIENCE : DEMONSTRATOR-CUM-LECTURER, D.K.D. COLLEGE, DERGAON, 1970-77; J.S.A., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1977-86; SCIENTIST C, R.R.L., JORHAT, SINCE FEBRUARY, 1986.

EXPERIENCE : DEMONSTRATOR-CUM-LECTURER, D.K.D. COLLEGE, DERGAON, 1970-77; J.S.A., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1977-86; SCIENTIST C, R.R.L., JORHAT, SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARACH IN SEMI-SYNTHESIS OF ORGANIC COMPOUNDS; SYNTHESIS OF NEW HETEROCYCLIC COMPOUNDS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 1, PATENTS TAKEN - 1, PATENTS FILED - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 13, PILOT PLANT - 9, CONSULTANCY - 7, TEACHING - 6, TECHNO-ECONOMIC SURVEYS - 1, TECHNOLOGY TRANSFER - 10.

3022

SHRI PRADIP KUMAR GOSWAMI; (B. JANUARY 1, 1955),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '75; DIPLOMA IN PETROLEUM TECHNOLOGY - DIBRUGARH '76; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '84.

SPECIALIZATIONS : PETROLEUM REFINING ENGINEERING; CHEMICAL ENGINEERING PLANT DESIGN AND FABRICATION.

EXPERIENCE : J.R.F., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1976-86; SCIENTIST C, R.R.L., JORHAT SINCE MARCH, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

VISITED : U.S.S.R.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 3, PILOT PLANT - 5, CONSULTANCY - 2, TECHNO ECONOMIC SURVEYS - 1, OPERATION - 1.

3023

SHRI A K HAZARIKA; (B. SEPTEMBER 14, 1952),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC (HONS.) CHEMISTRY - DIBRUGARH '75; M.SC. CHEMISTRY - DIBRUGARH' 77.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1978-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : QUALITY CONTROL; TESTING AND CONSULTANCY; BASIC RESEARCH.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., CONSULTANCY, TESTING AND QUALITY CONTROL - (TOTAL 13 YEARS).

3024

DR MOHAN CHANDRA KAKOTI; (B. AUGUST 20, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.A. STATISTICS - DIBRUGARH '77; PH.D. STATISTICS - DIBRUGARH '85.

SPECIALIZATIONS : NUMERICAL AND STATISTICAL ANALYSIS; COMPUTER PROGRAMMING AND RELIABILITY THEORY.

EXPERIENCE : S.S.A. AND SCIENTIST A, R.R.L., JORHAT, 1982-84; SCIENTIST B, R.R.L., JORHAT 1984-89; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COMPUTER PROGRAMMING; STATISTICAL ANALYSIS; TEACHING.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, DESIGN - 2, OPERATION - 2, QUALITY CONTROL - 1, TEACHING - 9, COMPUTER PROCESSING - 9.

3025

SHRI S C KALITA; (B. MARCH 1, 1960),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. MECHANICAL - GAUHATI '81; A.M.I.E. MECHANICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA; M.S. DIPLOMA IN S&T - BITS '90.

SPECIALIZATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT 1983-88; SCIENTIST C, R.R.L., JORHAT, SINCE JULY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 7, DESIGN - 7, PILOT PLANT - 4, TECHNO-ECONOMIC SURVEY - 7, CONSULTANCY - 2, TECHNOLOGY TRANSFER - 30.

3026

SHRI KULDEEP KUMAR KAUL; (B. AUGUST 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - KASHMIR '70; POST GRADUATE DIPLOMA IN PULP AND PAPER TECHNOLOGY - ROORKEE '72; B.E. PULP & PAPER TECHNOLOGY - ROORKEE '88.

SPECIALIZATIONS : SPECIALITY PAPERS.

EXPERIENCE : PROCESS TRAINEE AND RESEARCH OFFICER, BALLARPUR INDUSTRIES LTD., BALLARPUR, 1972-79; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1979.

PRESENT ACTIVITIES : RESEARCH IN SPECIALITY PAPERS.

LANGUAGES : KASHMIRI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19.

3027

DR R H KHAN; (B. JANUARY 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GORAKHPUR '70; M.SC. ORGANIC CHEMISTRY - GORAKHPUR '72; PH.D. ORGANIC CHEMISTRY - GORAKHPUR '77.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PESTICIDES.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1977-86; (ALSO VISITED U.S.A. FOR HIGHER STUDIES, UNDER N.I.H. GRANTS, 1980-83); SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT ON PESTICIDES AND STUDIES ON HETEROCYCLIC SYSTEMS OF CHEMICALS.

LANGUAGES : URDU, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 1, PATENTS FILED - 1, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 14.

3028

DR DILIP KONWAR; (B. MARCH 1, 1956),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - DIBRUGARH '77; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '79; PH.D. ORGANIC CHEMISTRY - DIBRUGARH '87.

SPECIALIZATIONS : ORGANIC CHEMISTRY; HETEROCYCLIC SYNTHESIS.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1984-89; SCIENTIST C, R.R.L., JORHAT SINCE JANUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 3.

3029

DR PROBHAT KOTOKY; (B. JULY 30, 1955),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.TECH. APPLIED GEOLOGY - DIBRUGARH '80; PH.D. APPLIED GEOLOGY - DIBRUGARH '86.

SPECIALIZATIONS : PETROLEUM GEOLOGY; SEDIMENTOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1982-89; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : ANALYSIS AND COMPILATION OF EARTHQUAKE RECORDS; SEISMICITY AND SEISMOTECTONIC STUDY OF NE-INDIA.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, ABSTRACTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 9.

3030

SHRI B P MISRA; (B. JUNE 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (AG.) - ASSAM AGRICULTURAL UNIVERSITY '72; M.SC. AGRICULTURE - ASSAM AGRICULTURAL UNIVERSITY '75.

SPECIALIZATIONS : AGRONOMY; MEDICINAL AND ECONOMIC PLANTS.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1977-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN MEDICINAL AND ECONOMIC PLANTS AND OVERALL MANAGEMENT OF RRL EXPERIMENTAL FARM.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PROCESSED DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, CONSULTANCY - 10, FARM MANAGEMENT - 5, TECHNOLOGY TRANSFER - 8.

3031

SHRI SWASTI MUNSHI; (B. MARCH 5, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '71; P.G. DIPLOMA IN PETROLEUM TECHNOLOGY - DIBRUGARH '73.

SPECIALIZATIONS : COMPUTER AIDED EQUIPMENT DESIGN; SIMULATION, MODELLING AND OPTIMIZATION STUDIES.

EXPERIENCE : GRADUATE ENGINEER TRAINEE, ASSAM INDUSTRIAL DEVELOPMENT CORPORATION, 1974-76; J.R.F., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1976-88; SCIENTIST C, R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 3, DESIGN - 4, PILOT PLANT - 3.

3032

SHRI M K C NAMBIAR; (B. APRIL 30, 1941),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : P.U.C. SCIENCE - MADRAS '57; DIPLOMA CIVIL ENGG. - CALICUT '61.

SPECIALIZATIONS : BUILDING MATERIALS; CONCRETE TECHNOLOGY.

EXPERIENCE : APPRENTICE, WORK SUPERINTENDENT AND DRAFTSMAN, OVERSEER, P.W.D. IRRIGATION, KERALA 1961-62; CIVIL OVERSEER, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1963-83; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1983.

PRESENT ACTIVITIES : R & D IN BUILDING MATERIALS; CONSULTANCY & TECHNICAL SERVICES.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ASSAMESE, BENGALI, KANADA, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 33, TECH. REPORTS - 750, PATENTS TAKEN - 4, PROCSSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 25, CONSULTANCY - 10, EVALUATION OF PROPERTIES & MATERIALS TESTING - 26, CONSTRUCTION - 6, QUALITY CONTROL - 25, MAINTENANCE - 3.

3033

DR LOHIT NATH; (B. OCTOBER 1, 1954),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - GAUHATI '75; M.SC. AGRICULTURAL BOTANY - GAUHATI '77; PH.D. AGRICULTURE (MUTATION BREEDING) - GAUHATI '84.

SPECIALIZATIONS : CYTOGENETICS; PLANT BREEDING.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT 1983-88; SCIENTIST C, R.R.L., JORHAT, SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : R & D PLANNING AND MANAGEMENT.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 13, OTHER PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, PLANNING AND COORDINATION - 7.

3034

DR SUBHAN CHANDRA NATH; (B. SEPTEMBER 1, 1953),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) BOTANY - GAUHATI '74; M.SC. BOTANY (PLANT TAXONOMY) - GAUHATI '76; PH.D. BOTANY - GAUHATI '84.

SPECIALIZATIONS : SURVEY; BOTANY - PLANT TAXONOMY, FOLKLORE MEDICINE, ESSENTIAL OILS.

EXPERIENCE : DEMONSTRATOR, MORIGAON H.S. & M.P. SCHOOL, NOWGONG, 1976-77; LECTURER, BAHONA COLLEGE, JORHAT, 1977; J.R.F. AND S.R.F., R.R.L., JORHAT, 1977-81; LECTURER, BAHONA COLLEGE, JORHAT, 1981; S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1981-87; SCIENTIST C, R.R.L., JORHAT SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : RESEARCH, SURVEY, COLLECTION AND IDENTIFICATION OF MEDICINAL AND ECONOMIC PLANTS; MAINTENANCE OF HERBARIUM; FUNGICIDAL EVALUATION; FOLKLORE MEDICINE; ESSENTIAL OILS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 1, TEACHING - 2, SURVEY OF NATURAL RESOURCES - 10.

3035

SHRI A K NEOG; (B. FEBRUARY 1, 1950),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. PHYSICS - DIBRUGARH '76; TRAINING IN DIGITAL ELECTRONICS IN ATI & EPI - HYDERABAD '84.

SPECIALIZATIONS : THEORETICAL PHYSICS; INSTRUMENTATION.

EXPERIENCE : TEACHER, GOVT. HIGHER SECONDARY SCHOOL, 1976-81; TECHNICAL OFFICER (A) AND SCIENTIST B, R.R.L., JORHAT, 1982-88; SCIENTIST C, R.R.L., JORHAT SINCE JANUARY, 1988.

PRESENT ACTIVITIES : INSTRUMENTATION (SERVICING OF ELECTRONIC INSTRUMENTS).

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 9.

3036

SHRI A C PHUKAN; (B. JANUARY 31, 1941),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '67; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '75.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1968-89; SCIENTIST C, R.R.L., JORHAT, SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : CHEMICAL ANALYSIS.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, PILOT PLANT - 5, CONSULTANCY - 10, TESTING - 18, QUALITY CONTROL - 15. PUBLICATIONS & PATENTS: PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION -

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 2, PILOT PLANT - 6, CONSULTANCY - 1, OPERATION - 1, TECHNO-ECONOMIC SURVEYS - 1.

3037

SHRI PARAN PHUKAN; (B. MAY 1, 1951),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - GAUHATI '72.

SPECIALIZATIONS : PETROLEUM REFINING ENGINEERING.

EXPERIENCE : GRADUATE ENGINEER TRAINEE, OIL INDIA LTD., DULIAJAN, 1973-75; S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1975-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT AND DESIGN.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2, PUBLICATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 3, PILOT PLANT - 9, CONSULTANCY - 2, OPERATION - 1, TECHNO-ECONOMIC SURVEYS - 1.

3038

DR DIPAK PRAJAPATI; (B. NOVEMBER 16, 1956),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '77; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '80; PH.D. SYNTHETIC ORGANIC CHEMISTRY - DIBRUGARH '85.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; DRUGS; PESTICIDES.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT, 1984-88; SCIENTIST C, R.R.L., JORHAT SINCE MAY, 1988; (ALSO POST-DOCTORAL RESEARCH FELLOW, UNIVERSITY OF KONTANZ, GERMANY, 1990).

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ASSAMESE, BENGALI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : ALEXANDER VON HUMBOLDT FELLOWSHIP, 1988.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 7, PILOT PLANT - 3.

3039

DR GOVIND PRASAD; (B. AUGUST 1, 1943),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : PH.D. PHYSICAL CHEMISTRY - LUCKNOW '67.

SPECIALIZATIONS : PHYSICAL CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1972-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN MASS SPECTROMETRY.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15.

3040

SHRI B N SAHA; (B. APRIL 1, 1949),

SCIENTIST C, R.R.L. BRANCH, ITANAGAR (REGIONAL RESEARCH LABORATORY, JORHAT).

QUALIFICATIONS : B.SC. - DIBRUGARH '69; M.SC. AGRICULTURAL BOTANY - GAUHATI '71.

SPECIALIZATIONS : AGRONOMY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1973-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN MEDICINAL AND AROMATIC PLANTS AND EXTENSION ACTIVITIES IN A.P. ON MEDICINAL AND AROMATIC PLANTS.

LANGUAGES : BENGALI, ASSAMESE, MANIPURI, HINDI, ENGLISH.

VISITED : E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESS DEVELOPED - 4, TECH. REPORT - - 1, PROCESS UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, EXTENSION - 15.

3041

SHRI P C SAIKIA; (B. SEPTEMBER 1, 1947),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '67; A.M.I.I. CH.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '80.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1969-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS FILED - 3, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 20.

3042

SHRI TORUN CHANDRA SAIKIA; (B. MARCH 1, 1944),

TECHNICAL OFFICER (C), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '64; A.I.C. - INSTITUTION OF CHEMISTS, INDIA.

SPECIALIZATIONS : PROCESS DEVELOPMENT OF POLYMERIC DISPERSANT; OIL WELL ADDITIVES; THERMAL ANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A , SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1966-89; TECHNICAL OFFICER (C), R.R.L., JORHAT SINCE AUGUST, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 10, PILOT PLANT - 3, TESTING - 5, QUALITY CONTROL - 1, TECHNOLOGY TRANSFER - 2.

3043

SHRI ARUN KUMAR SARMA; (B. APRIL 1, 1936),

TECHNICAL OFFICER (C), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '60.

SPECIALIZATIONS : CHEMICAL ANALYSIS; INFRARED SPECTROSCOPY.

EXPERIENCE : J.L.A. AND S.L.A., COAL SURVEY LABORATORY (C.F.R.I.), JORHAT, 1961-66; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., JORHAT, 1966-87; TECHNICAL OFFICER (C), R.R.L., JORHAT SINCE FEBRUARY, 1987.

EXPERIENCE : J.L.A. AND S.L.A., COAL SURVEY LABORATORY (C.F.R.I.), JORHAT, 1961-66; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. R.R.L., JORHAT, 1966-87; TECHNICAL OFFICER (C), R.R.L., JORHAT SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : CHEMICAL ANALYSIS AND INFRARED SPECTROSCOPY.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 2, CONSULTANCY - 2, TESTING - 11, QUALITY CONTROL - 11.

3044

DR J C SARMA; (B. MAY 1, 1958),

SCIENTIST C, REGIONAL RESEARCH LABORTAORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - DIBRUGARH '78; M.SC. CHEMISTRY - DIBRUGARH '82; PH.D. CHEMISTRY - DIBRUGARH '86.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND SCIENTIST B, R.R.L., JORHAT, 1982-89; SCIENTIST C, R.R.L., JORHAT SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH IN THE CHEMISTRY OF NATURAL PRODUCTS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

VISITED : U.S.A., THAILAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, ARTICLES - 2.

AWARDS & DISTINCTIONS : GOLD MEDAL, SEBA, GAUHATI, 1974.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 2.

3045

DR P C SARMA; (B. SEPTEMBER 1, 1944),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI UNIV. '66; M.SC. AGRICULTURAL BOTANY - GAUHATI '78; PH.D. CYTOGENETICS AND PLANT BREEDING - GAUHATI '86.

SPECIALIZATIONS : CYTOGENETICS AND PLANT BREEDING.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, TOCKLAI EXPERIMENTAL STATION, JORHAT 1966-89; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, CONSULTANCY - 1, R & D MGMT. - 3, TECHNOLOGY TRANSFER - 2, EXTENSION - 2.

3046

DR P C SARMA; (B. SEPTEMBER 1, 1944),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC AGRICULTURAL BOTANY - GAUHATI '78; PH.D. AGRICULTURAL BOTANY - GAUHATI '86.

SPECIALIZATIONS : CYTOGENETICS AND PLANT BREEDING.

EXPERIENCE : J.S.A. AND S.S.A., TOCKLAI EXPERIMENTAL STATION, JORHAT, 1966-84; SCIENTIST B, R.R.L., JORHAT, 1984; SCIENTIST C, R.R.L., JORHAT SINCE JULY, 1984.

PRESENT ACTIVITIES : RESEARCH IN PLANT BREEDING & CYTOLOGY OF MEDICINICAL, AROMATIC & OTHER ECONOMIC PLANTS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERINCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 20, CONSULTANCY - 5, R & D MGMT. - 5, TECHNOLOGY TRANSFER - 5, EXTENSION - 2.

3047

MRS ALOKANANDA SENGUPTA; (B. NOVEMBER 19, 1957),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - GAUHATI '78; M.SC. INORGANIC CHEMISTRY - DIBRUGARH '82.

SPECIALIZATIONS : INORGANIC CHEMISTRY.

EXPERIENCE : J.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1982-89; SCIENTIST C, R.R.L., JORHAT SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R & D ON ALUMINOSILICATES.

LANGUAGES : ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 3.

3048

SHRI PINAKI SENGUPTA; (B. NOVEMBER 30, 1958),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - DIBRUGARH '78; M.SC. INORGANIC CHEMISTRY - DIBRUGARH '81.

SPECIALIZATIONS : INORGANIC CHEMISTRY; OIL FIELD CHEMICALS; INDUSTRIAL CHEMISTRY.

EXPERIENCE : J.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1981-84; SCIENTIST C, R.R.L., JORHAT SINCE SEPTEMBER, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PATENTS FILED - 1, PROCESSES DEVELOPED - 4.

AWARDS & DISTINCTIONS : SILVER MEDAL FOR BEST RESEARCH PAPER IN OIL FIELD CHEMICALS, INTERNATIONAL SEMINAR ON FRONTIER AREAS, RRL, JORHAT, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5, TECH. DEV. - 5, PILOT PLANT - 4, CONSULTANCY - 4.

3049

DR R N SHARMA; (B. OCTOBER 14, 1953),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS) GEOLOGY - GAUHATI '74; M.SC. APPLIED GEOLOGY - ROORKEE '76; PH.D. GEOLOGY - ROORKEE '83.

SPECIALIZATIONS : ECONOMIC GEOLOGY; ORE PETROLOGY; ORE GEOCHEMISTRY.

EXPERIENCE : LECTURER, ARYA VIDYAPEETH COLLEGE, 1976-77; J.R.F. AND S.R.F. (U.G.C.), ROORKEE UNIVERSITY, ROORKEE, 1977-81; RESEARCH ASSISTANT, C.E.S.S., TRIVANDRUM, 1981-82; GEOLOGIST (PROJECT) AND SCIENTIST B, R.R.L., JORHAT, 1982-86; SCIENTIST C, R.R.L., JORHAT SINCE MAY, 1986.

PRESENT ACTIVITIES : R & D IN ORE GEOLOGY, ORE CHARACTERISATION, GEOCHEMISTRY AND MINERAL UTILISATION WITH SPECIAL REFERENCE TO N.E REGION.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 5, APP. RES.- 9.

3050

DR K SANAJAOBA SINGH; (B. OCTOBER 13, 1940),

SCIENTIST C, REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '59; M.SC. BOTANY - GAUHATI '62; PH.D. BOTANY - GAUHATI '70.

SPECIALIZATIONS : PLANT PHYSIOLOGY; BIOCHEMISTRY; TAXONOMY.

EXPERIENCE : RESEARCH SCHOLAR (U.G.C.), GAUHATI UNIVERSITY, 1964-69; LECTURER AND HEAD OF BOTANY DEPARTMENT, ST. EDMUND'S COLLEGE, SHILLONG, 1969-77; ASSISTANT PROFESSOR, LIFE SCIENCES DEPARTMENT, MANIPUR UNIVERSITY, MANIPUR, 1977-82; SCIENTIST B, R.R.L., JORHAT, 1982-87; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D; TECHNOLOGY TRANSFER.

LANGUAGES : MANIPURI, HINDI, ASSAMESE, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, SCIENTIFIC BOOKS - 4, ARTICLES - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. - 7, TEACHING - 14.

3051

DR(MRS) K TAMULY; (B. NOVEMBER 29, 1952),

TECHNICAL OFFICER (C), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.B.B.S. - DIBRUGARH '78.

SPECIALIZATIONS : GENERAL MEDICINE.

EXPERIENCE : MEDICAL OFFICER, CHRISTIAN MISSION HOSPITAL, JORHAT, 1978-79; LADY ASSISTANT SURGEON (B), R.R.L., JORHAT, 1979-85; TECHNICAL OFFICER (C), R.R.L., JORHAT, SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : PROFESSIONAL PRACTICE.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROFESSIONAL PRACTICE - 9.

3052

DR B G UNNI; (B. JANUARY 5, 1953),

SCIENTIST C, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - ALLAHABAD '74; M.SC. BIOCHEMISTRY - ALLAHABAD '76; PH.D. BIOCHEMISTRY - ALLAHABAD '82.

SPECIALIZATIONS : PHYSIOLOGY; NUTRITION; PLANT BIOCHEMISTRY; ENZYME BIOCHEMISTRY; ANAEROBIC FERMENTATION.

EXPERIENCE : J.R.F. AND S.R.F. (CSIR), ALLAHABAD UNIVERSITY, ALLAHABAD, 1976-80; S.S.A. AND SCIENTIST B, R.R.L., JORHAT, 1980-86; SCIENTIST C, R.R.L., JORHAT SINCE FEBRUARY, 1986. (ALSO POST DOCTORAL FELLOW UNDER VISITING FOLBRIGHT SCHOLARSHIP, TEXAS A&M UNIVERSITY, CS, TEXAS, USA, 1988-89).

PRESENT ACTIVITIES : BASIC STUDIES ON MICROBIAL METABOLISM AND GENETICS/STUDIES ON MICROBIAL INVOLVEMENT IN PETROLEUM INDUSTRY.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, ARTICLES - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 7.

3053

SHRI AJOY BARKATOKY; (B. FEBRUARY 15, 1957),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E., MECHANICAL, - GAUHATI '79.

EXPERIENCE : GRADUATE ENGINEER TRAINEE AND MECHANICAL ENGINEER OIL INDIA LTD., 1980-83; TECHNICAL ASSTT. AND TECH. OFFICER (A), R.R.L., JORHAT, 1984-90; (ATTENDED SHORT TERM COURSE ON DESIGN OF PRESSURE VESSELS AND PIPING SYSTEM, AUGUST, 1986 AND ON PERSONAL COMPUTER FOR ENGINEEERS, FEBRUARY- MARCH, 1990, THE UNIVERSITY OF ROORKEE); TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE FEBRUARY, 1990.

3054

SHRI A K S BARUAH; (B. MARCH 1, 1947),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '68.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, R.R.L., JORHAT, 1969-89; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : ANALYSIS, TESTING, QUALITY CONTROL AND CONSULTANCY.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY, TESTING AND QUALITY CONTROL (TOTAL : 21 YEARS).

3055

SHRI BIMOLA BARUAH; (B. JANUARY 2, 1955),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATION : B.SC. (HONS.) CHEMISTRY - DIBRUGARH '75; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '83.

SPECIALIZATIONS : FUEL TECHNOLOGY; INSTRUMENTATION.

EXPERIENCE : S.L.A., J.S.A. S.S.A, AND SCIENTIST A, R.R.L., JORHAT, 1976-86; TECHNICAL OFFICER (B) R.R.L., JORHAT SINCE JANUARY, 1986.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 1, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1, PATENTS APPLIED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 4, PILOT PLANT - 5, CONSULTANCY - 3, OPERATION - 6, TESTING - 11, MAINTENANCE - 11, INSTRUMENTATION - 3.

3056

DR P K BARUAH; (B. MARCH 1, 1957),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATION : B.SC. - DIDRUGARH UNIV. '75; B.LIB.SC. - GAUHATI '77; ASSOCIATESHIP IN INFORMATION SCIENCE & DOCUMENTATION - INSDOC, NEW DELHI '89.

SPECIALIZATION : INFORMATION & DOCUMENTATION.

EXPERIENCE : PRIMARY INVESTIGATOR, DIRECTORATE OF EVALUATION & MONITORING, GOVT. OF ASSAM, DISPUR, 1977-78; LIBRARIAN, C.K.B. COLLEGE, TEOK, ASSAM, 1978; CATALOGUER, TOCKLAI EXPTL. STATION, TEA RESEARCH ASSON., JORHAT, ASSAM, 1978-81; LIBRARIAN, BAHONA COLLEGE, JORHAT, ASSAM, 1981-82; SENIOR LIBRARIAN, R.R.L., JORHAT, 1982-87; TRAINEE, INSDOC, NEW DELHI 1987-89; TECHNICAL OFFICER (B), R R.L., JORHAT SINCE JANUARY, 1989.

3057

SHRI PABITRA BARUAH; (B. MARCH 1, 1948),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '69.

SPECIALIZATIONS : CEMENT CONCRETE TECHNOLOGY; SOIL MECHANICS AND FOUNDATION ENGINEERING; TESTING OF BUILDING MATERIALS.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.S.A., TECHNICAL OFFICER (A), R.R.L., JORHAT 1971-86; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : R & D; CONSULTANCY; GEOTECHNICAL ENGINEERING; DEVELOPMENT TESTING OF BUILDING MATERIALS.

LANGUAGES : ASSAMESE, HINDI, SANSKRIT, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 350, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8; TESTING - 8; CONSULTANCY - 5, TEACHING - 2.

3058

SHRI SAURAV BARUAH; (B. JANUARY 11, 1965),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATION : B.SC(HONS.) - DIBRUGARH '85; M.SC. PHYSICS - DIBRUGARH '88; DIPLOMA IN COMPUTER APPLICATION - PRECISION COMPUTER '90.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT SINCE 1990.

3059

SHRI G K BAYAN; (B. JANUARY 1, 1962),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - GAUHATI '81; B.E. CIVIL - DIBRUGARH '85.

SPECIALIZATIONS : SOIL MECHANICS AND FOUNDATION ENGINEERING; DESIGN OF STRUCTURES; MACHINE FOUNDATION; EARTHQUAKE RESISTANCE DESIGN & SEISMICITY.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D; CONSULTANCY.

LANGUAGES : ASSAMESE, HINDI, SANSKRIT, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER (INTERNATIONAL) - 1, NATIONAL - 3, TECH. REPORT - 50.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 2, DESIGN - 5, CONSULTANCY - 5, CONSTRUCTION - 5, TESTING - 3.

3060

MISS D BEGUM; (B. JUNE 18, 1949),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '69; B. LIB. SC. - GUAHATI '77; ASSOCIATESHIP IN INFORMATION SCIENCE, INSDOC, - NEW DELHI '88.

SPECIALIZATIONS : LIBRARY AND DOCUMENTATION.

EXPERIENCE : J.L.A., S.L.A., J.T.A., AND S.T.A., R.R.L., JORHAT 1972-89; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE FEBRUARY, 1989.

3061

SHRI D K BHATTACHARJEE; (B. JULY 31, 1939),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.A. - DIBRUGARH '70.

SPECIALIZATIONS : FABRICATION, ERECTION AND MAINTENANCE OF PLANTS.

EXPERIENCE : PRODUCTION FITTER AND I.C.E. FITTER, M/S ASSAM OIL CO., DIGBOI, 1961-70; MECHANICAL FOREMAN, M/S ASSAM GAS CO., DULIAJAN, 1970-76; MECHANICAL FOREMAN AND MECHANICAL ENGINEER (A), R.R.L., JORHAT, 1976-86; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : FABRICATION, INSTALLATION, MAINTENANCE AND OPERATION OF PLANTS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 10, CONSULTANCY - 11, MAINTENANCE - 11, IND. MGMT. - 11, TECHNOLOGY TRANSFER - 11.

3062

DR PULAK JYOTI BHUYAN; (B. NOVEMBER 30, 1958),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '79; M.SC. CHEMISTRY - DIBRUGARH '83. PH.D ORGANIC CHEMISTRY - DIBRUGARH '88.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND R.A., R.R.L., JORHAT, 1983-92; SCIENTIST B, R.R.L., JORHAT SINCE APRIL, 1992.

PRESENT ACTIVITIES : RESEARCH. LANGUAGES: ASSAMESE, ENGLISH, HINDI.

3063

SH AMITABHA BISWAS; (B. JULY 9, 1949),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - CALCUTTA '70.

SPECIALIZATIONS : SOIL MECHANICS AND FOUNDATION ENGINEERING; CEMENT CONCRETE TECHNOLOGY; BUILDING MATERIALS.

EXPERIENCE : JR. LAB. ASSTT., SR. LAB. ASSTT., JR. TECH. ASSTT.AND SENIOR SCIENTIFIC ASSTT. AND TECHNICAL OFFICER A, 1972-88; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : R&D, CONSULTANCY AND TESTING.

LANGUAGES : BENGALI, ENGLISH, HINDI, ASSAMESE.

PUBLICATIONS & PATENTS : RES. PAPER - 10; TECH. REPORTS - 100; PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 4, TESTING - 4, CONSULTANCY - 11.

3064

DR T C BORA; (B. MARCH 29, 1955),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) BOTANY - DIBRUGARH '75; M.SC. BOTANY - GAUHATI '77; PH.D - GAUHATI '90.

SPECIALIZATIONS : MICROBIOLOGY; PESTICIDE MICROBIOLOGY; BOTANY.

EXPERIENCE : GRADUATE TEACHER, HIGHER SECONDARY SCHOOL. JAIRAMPUR, 1978-79; J.S.A., S.S.A. AND TECHNICAL OFFICER (A), R.R.L., JORHAT, 1979-86; SCIENTIST B, R.R.L., JORHAT SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN PESTICIDE MICROBIOLOGY.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TEACHING - 2.

3065

SHRI G P BORAH; (B. OCTOBER 1, 1940),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : MATRIC - GAUHATI '58; PRE DEGREE - DIBRUGARH '79.

SPECIALIZATIONS : DOCUMENTATION AND REPROGRAPHY.

EXPERIENCE : L.D.C., SENIOR CATALOGUER, J.D.A. AND S.D.A., R.R.L., JORHAT, 1962-83; SCIENTIST B, R.R.L., JORHAT, SINCE JULY, 1988.

PRESENT ACTIVITIES : DOCUMENTATION AND LIBRARY MANAGEMENT.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION AND REPROGRAPHY (TOTAL : 29 YEARS).

3066

SH JAYANTA JYOTI BORAH; (B. OCTOBER 1, 1966),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.E. MECHANICAL ENGG. - DIBRUGARH '89.

EXPERIENCE : PROJECT FELLOW, R.R.L., JORHAT 1989-91; SCIENTIST B, R.R.L., JORHAT SINCE NOVEMBER, 1991.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

3067

DR M J BORDOLOI; (B. JULY 23, 1960),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '79; M.SC. CHEMISTRY - GAUHATI '83; PH.D. ORGANIC CHEMISTRY - GAUHATI '88.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; NMR SPECTROSCOPY IN CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : LECTURER, J.B.COLLEGE, JORHAT 1983-84; J.R.F., S.R.F. AND R.A. R.R.L., JORHAT 1984-90; SCIENTIST B, R.R.L., JORHAT SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH IN CHEMISTRY OF NATURAL PRODUCTS.

LANGUAGES : ASSAMESE, ENGLISH, BENGALI, HINDI, RUSSIAN.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 6; ARTICLES - 60.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7.

3068

DR(MRS) MINA BORTHAKUR; (B. MARCH 1, 1956),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - DIBRUGARH '75; M.SC. AGRICULTURAL BOTANY - GAUHATI '77; PH.D - C.U. '89.

SPECIALIZATIONS : PLANT TISSUE CULTURE.

EXPERIENCE : S.S.A., TEA RESEARCH ASSOCIATION, JORHAT, 1985-86; SCIENTIST B, R.R.L., JORHAT SINCE MAY, 1986.

PRESENT ACTIVITIES : RESEARCH IN PLANT TISSUE CULTURE.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, RADIO TALK - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 10.

3069

SHRI APARUP CHATTOPADHYAY; (B. AUGUST 22, 1964),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. GEOLOGY - CALCUTTA '85; M.SC. APPLIED GEOLOGY - I.I.T., KHARAGPUR '88; M.TECH. APPLIED GEOLOGY - I.I.T., KHARAGPUR '90.

SPECIALISATIONS : ECONOMIC GEOLOGY; GEOCHEMISTRY; DATA PROCESSING.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT SINCE JULY, 1991.

PRESENT ACTIVITIES : RESEEARCH & DEVELOPMENT.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE (IN YEARS) : APPLIED RES. - 1; COMPUTER PROCESSING - 1.

3070

DR D K DUTTA; (B. DECEMBER 31, 1954),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - DIBRUGARH '74; M.SC. CHEMISTRY - SHILLONG '82; PH.D. ORGANIC CHEMISTRY - DIBRUGARH '90.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.T.A., R.R.L., JORHAT 1983-91; SCIENTIST B, R.R.L., JORHAT SINCE JUNE, 1991.

3071

DR PRANAB GOSWAMI; (B. OCTOBER 01, 1962),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - GAUHATI '82; M.SC. CHEMISTRY - GAUHATI '86; PH.D. MICROBIAL BIOCHEMISTRY - GAUHATI '92.

SPECIALIZATIONS : MICROBIAL BIOCHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. R.R.L., JORHAT, 1986-90; SCIENTIST B, R.R.L. JORHAT SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : ASSAMESE, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5 YEARS.

3072

SHRI R L GOSWAMI; (B. DECEMBER 1, 1962),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - DIBRUGARH '83; M.SC. INORGANIC CHEMISTRY - MANIPUR '86.

SPECIALIZATIONS : INORGANIC CHEMISTRY; OIL FIELD CHEMICALS.

EXPERIENCE : TEACHER, DIRECTORATE OF HIGHER SECONDARY EDUCATION, 1987-88; SR. TECH. ASSISTANT, O.N.G.C., 1988; SCIENTIST B, R.R.L., JORHAT SINCE MAY, 1988.

PRESENT ACTIVITIES : APPLIED & BASIC RESEARCH.

LANGUAGES : ASSAMESE, HINDI, MANIPURI, ENGLISH, GERMAN.

VISITED : GERMANY, PORTUGAL, SPAIN.

PUBLICATION & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 5, ARTICLES - 1, PATENTS FILED CURRENTLY - 1.

AWARDS & DISTINCTIONS : ANNUAL SCIENCE TALENT AWARD, 1993; M D KARKHANAWALAH AWARD FOR YOUNG SCIENTISTS, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 1, TECHING - 1/2, APPLIED R RESEARCH - 4, PRODUCTION - 1/2.

3073

SHRI INAMUL IKRAM; (B. MARCH 23, 1948),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '70; LL.B. - DIBRUGARH '75.

SPECIALIZATIONS : INFORMATION DISSEMINATION; LIAISON.

EXPERIENCE : J.L.A., S.L.A., S.T.A. AND SCIENTIST A, R.R.L., JORHAT, 1971-87; SCIENTIST B, R.R.L., JORHAT SINCE APRIL, 1987.

PRESENT ACTIVITIES : INFORMATION DISSEMINATION AND LIAISON.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNOLOGY TRANSFER - 10, INFORMATION DISSEMINATION AND LIAISON - 10.

3074

SHRI ANIL KUMAR; (B. FEBRUARY 10, 1968),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

3075

DR B S DILIP KUMAR; (B. JULY 30, 1962),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - KERALA '82; M.SC. BOTANY - SARDAR PATEL '85; PH.D. BOTANY - BHAVNAGAR '90.

SPECIALIZATIONS : ISOLATION AND IDENTIFICATION OF BACTERIA AND FUNGI; BIOLOGICAL CONTROL OF PLANT DISEASES; EXTRACTION & CHARACTERIZATION OF ANTIBIOTICS & SIDEROPHORES FROM RHIZOBACTERIA.

EXPERIENCE : RES. FELLOW, C.S.I.R., BHAVNAGAR, 1986-90; PG LECTURER, PSGVP, SHAHADA, 1991-92; SCIENTIST B, R.R.L., JORHAT SINCE AUGUST, 1992.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, ENGLISH, HINDI, GUJARATI.

3076

DR S MAHIUDDIN; (B. MAY 3, 1952),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - A.M.U. '75; M.SC. PHYSICAL CHEMISTRY - A.M.U. '77; PH.D. CHEMISTRY - N.E. HILL UNIV. '83.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; TRANSPORT PROPERTIES OF MOLTEN SALT AND IONIC LIQUIDS; BENEFICIATION OF IRON ORE.

EXPERIENCE : J.R.F., C.S.I.R., 1978-79; J.R.F. AND S.R.F., NEHU (U.G.C.) 1979-83; SCIENTIST B, R.R.L., JORHAT SINCE JULY, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES DEVELOPED - 1, PATENT - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 1, TECH. DEV. - 3, PILOT PLANT - 1.

3077

DR PROMOD CH NEOG; (B. JULY 1, 1953),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. STATISTICS - GAUHATI '72; M.SC. STATISTICS - DIBRUGARH '74; A.C.I.A. ACCOUNTANCY - COSMOPOLITAN INSTT. '76; PH.D. AGRI. STATISTICS - DIBRUGARH '91.

SPECIALIZATIONS : AGRICULTURAL STATISTICS.

EXPERIENCE : INSPECTOR OF STATISTICS, DIRECTORATE OF ECONOMICS & STATISTICS, ASSAM 1975-76; SR. COMPUTER, A.A.U., JORHAT 1976-82; S.S.A. AND TECHNICAL OFFICER (A), R.R.L., JORHAT 1982-90; TECHNICAL OFFICER (B), R.R.L., JORHAT SINCE APRIL, 1990.

3078

SHRI REDDY SHETHY PRAKASAM; (B. AUGUST 29, 1960),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - OSMANIA '81; M.SC. BOTANY - GULBARGA '84; PH.D. BIOCHEMISTRY - NORTH EASTERN HILL UNIV., SHILLONG '90.

SPECIALIZATIONS : BIOCHEMISTRY.

EXPERIENCE : P D F, C.C.M.B., HYDERABAD 1990-91; SCIENTIST B, R.R.L., JORHAT, SINCE JUNE, 1991.

3079

SHRI SHRIRAM PRASAD; (B. JANUARY 16, 1957),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL - BIHAR '81; D.I.S.M. FUEL ENGINEERING - I.S.M., DHANBAD '82.

SPECIALIZATIONS : FLUIDISED-BED BOILER OF HIGH SULPHUR ASSAM COAL; DESIGN OF CHANNEL BLACK PLANT; MATHEMATICAL MODELLING OF FLUIDISED-BED COAL COMBUSTOR.

EXPERIENCE : SCIENTIST B, R.R.L., JORHAT SINCE JULY, 1982.

PRESENT ACTIVITIES : RESEARCH ON FLUIDISED-BED BOILER OF HIGH SULPHUR ASSAM COAL; DESIGN OF CHANNEL BLACK PLANT.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 1, DESIGN - 2, DATA ANALYSIS - 2.

3080

SHRI AZIZUR RAHMAN; (B. AUGUST 21, 1945),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '67.

SPECIALIZATIONS : SPECIALITY PAPERS AND BOARDS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A). R.R.L., JORHAT. 1968-87: TECHNICAL OFFICER (B), R.R.L., JORHAT. SINCE JULY. 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE. HINDI. BENGALI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 3. PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15.

3081

SHRI BIMAL CHANDRA SAIKIA; (B. OCTOBER 5, 1952),

SCIENTIST B. REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '73; M.SC. BIO SCIENCES (ECOLOGY) - GUJARAT '87.

SPECIALIZATIONS : PLANT ECOLOGY; TECHNOLOGY TRANSFER SERVICES AND MANAGEMENT; PUBLICITY AND PUBLIC RELATIONS.

EXPERIENCE : J.L.A., J.T.A. AND S.T.A., R.R.L., JORHAT 1976-89; SCIENTIST B. R.R.L., JORHAT SINCE AUGUST, 1989.

PRESENT ACTIVITIES : INFORMATION AND LIAISON.

LANGUAGES : ASSAMESE, ENGLISH, HINDI, BENGALI, GUJARATI.

PUBLICATIONS & PATENTS : ARTICLES - 20, TECHNICAL REPORTS - 100.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 15. TECH. TRANSFER - 8, OTHERS - 8.

3082

SHRI D C SAIKIA; (B. JANUARY 1, 1950),

TECHNICAL OFFICER (B), REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : B.SC. CHEMISTRY - DIBRUGARH '68; DIPLOMA IN HANDMADE PAPER MANUFACTURE - HANDMADE PAPER INSTITUTE. POONA '70.

SPECIALIZATIONS : HANDMADE PAPER MANUFACTURING; PACKAGING.

EXPERIENCE : JUNIOR CHEMIST. THE PAPER PRODUCTS LTD., ROHA. 1970-73; QUALITY CONTROLLER, SOLID CONTAINERS LTD., KALYAN, 1973-77; J.S.A. AND S.S.A., R.R.L., JORHAT. 1977-85; SCIENTIST A. R.R.L., JORHAT 1985-88; TECHNICAL OFFICER (B), R.R.L. JORHAT SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : ASSAMESE, HINDI. BENGALI. MARATHI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECH. REPORTS - 4. PATENTS FILED - 2. PROCESSES DEVELOPED - 3. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10. TESTING - 3. QUALITY CONTROL - 4.

3083

DR PARIJAT SARMAH; (B. DECEMBER 1, 1957),

SCIENTIST B. REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : B.SC. CHEMISTRY - DIBRUGARH '79; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '83; PH.D. ORGANIC CHEMISTRY - DIBRUGARH '87.

SPECIALIZATIONS : CHEMISTRY OF NATURAL PRODUCTS; NEW SYNTHETIC METHODS; REACTION MECHANISM; TRANSFORMATION OF NATURAL PRODUCTS.

EXPERIENCE : J.R.F. AND S.R.F., R.R.L., JORHAT. 1983-88: SCIENTIST B, R.R.L., JORHAT SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH IN ANTIMALARIAL DRUGS, BIOCIDES FOR SULFATE REDUCING BACTERIA AND DEVELOPMENT OF NEW SYNTHETIC METHODS.

LANGUAGES : ASSAMESE, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, POPULAR SCIENCE ARTICLES - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8.

3084

SHRI K SATYANARAYANA; (B. DECEMBER 1, 1957),

SCIENTIST B, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.TECH. - CHEMICAL ENGINEERING - ANDHRA '81; M.TECH. CHEMICAL ENGINEERING - B.H.U. '84.

SPECIALIZATIONS : CHEMICAL PROCESS DESIGN ENGINEERING.

EXPERIENCE : RESEARCH FELLOW, I.I.T., DELHI. 1984-86; SCIENTIST B, R.R.L., JORHAT SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D IN CHEMICAL ENGINEERING.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3.

3085

SHRI AKON BORA; (B. JULY 1, 1942),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATION : I.T.I. CERTIFICATE IN ELECTRICAL D.T.E. - ASSAM '73.

SPECIALISATIONS : MAINTENANCE OF ELECTRICAL SERVICES; TELEPHONE EXCHANGE MAINTENANCE.

EXPERIENCE : TECHNICAL ASSISTANT, JORHAT TEA CAMPUS, 1961-64; SENIOR ELECTRICIAN AND J.T.A., R.R.L., JORHAT, 1964-93; (ALSO TRAINING IN I.T.I., CALCUTTA, 1967-67; TRAINING IN I.T.I., BANGALORE, 1978-78).

PRESENT ACTIVITIES : MAINTENANCE OF TELEPHONE EXCHANGE.

LANGUAGES : ASSAMESE. HINDI. BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : MAINTENANCE - 15.

3086

SHRI NOGEN BORA; (B. JANUARY 1, 1947),

SCIENTIST A. REGIONAL RESEARCH LABORATORY, JORHAT.

3087

DR H N BORAH; (B. JULY 8, 1958),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC - DIBRUGARH '78; M.SC. ORGANIC CHEMISTRY - DIBRUGARH '80; PH.D. ORGANIC CHEMISTRY - DIBRUGARH '87.

EXPERIENCE : J.T.A., TOCKLAI TEA RESEARCH ASSOCIATION, JORHAT, 1978; J.S.A. AND S.S.A., R.R.L., JORHAT, 1981-86; SCIENTIST A, R.R.L., JORHAT SINCE DECEMBER, 1986.

3088

SHRI AJIT BORDOLOI; (B. OCTOBER 1, 1954),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : M.SC. BOTANY - DIBRUGARH '84; CERTIFICATE IN ORNAMENTAL HORTICULTURE - BANGALORE '85.

SPECIALIZATIONS : ECOLOGY; ORNAMENTAL HORTICULTURE.

EXPERIENCE : SCIENTIST A, R.R.L., JORHAT, SINCE OCTOBER, 1984.

PRESENT ACTIVITIES : MANAGEMENT AND MAINTENANCE OF ORNAMENTAL PLANTS.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : DESIGN - 6, MAINTENANCE - 6, IND. MGMT. - 6, PLANNING - 6.

3089

SHRI SORBESWAR GOGOI; (B. MARCH 1, 1942),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

3090

SHRI ISHESWAR HAZARIKA; (B. MARCH 31, 1938),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : DIPLOMA IN CRAFTMANSHIP - I.T.I. JORHAT '57.

SPECIALIZATIONS : REPAIRING AND MAINTENANCE OF VARIOUS MACHINERY AND EQUIPMENT.

EXPERIENCE : TURNER, ASSAM CO-OP SUGAR MILL DERGOAN, ASSAM 1958-61; TURNER, ARMS CO. GUWAHATI 1961-63; TURNER, PUNJAB ENGG. WORKS, JORHAT 1963-64; TURNER-CUM-FILLER, R.R.L., JORHAT, 1964-88; SCIENTIST A, R.R.L., JORHAT SINCE AUGUST, 1988.

PRESENT ACTIVITIES : MECHANICAL MAINTENANCE.

LANGUAGES : ASSAMESE, ENGLISH, HINDI.

3091

SHRI PRANAB KUMAR HAZARIKA; (B. AUGUST 25, 1951),

TECHNICAL OFFICER (A), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - BOARD OF TECHNICAL EDUCATION ASSAM '76.

EXPERIENCE : SR. INSTRUCTOR, DIBRUGARH POLYTECHNIC, ASSAM, 1976-77; SUB. ENGG., BRAHMAPUTRA FOOD CONTROL COMMISSION, 1977; SUPERVISOR, CENTRAL FLOOD WATER COMMISSION, 1977-78; J.T.A. AND S.T.A., R.R.L., JORHAT 1978-88; TECHNICAL OFFICER (A), R.R.L., JORHAT SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : CIVIL CONSTRUCTION & MAINTENANCE.

LANGUAGES : ASSAMESE, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : CONSTRUCTION - 15, MAINTANANCE - 15, TEACHING - 1.

3092

SHRI SOMESWAR KALITA; (B. MAY 1, 1938),

TECHNICAL OFFICER (A), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : CERTIFICATE IN CARPENTRY - I.T.I. '56.

EXPERIENCE : CARPENTER, ASSAM STATE TRANSPORT CORPORATION, ASSAM 1956-63; CARPENTER, MODEL MAKER, ARTIST-CUM-MODELLOR AND S.T.A., R.R.L., JORHAT, 1963-88; TECHNICAL OFFICER (A), R.R.L., JORHAT SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : SUPERVISION OF WORKSHOP.

LANGAUGES : ASSAMESE, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE (IN YEARS) : TECHNICAL DEV. - 30, MAINTENANCE - 30.

3093

SHRI S C NANDI; (B. APRIL 1, 1939),

TECHNICAL OFFICER (A), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : I.T.I. ELECTRICIAN CERTIFICATE - D.T.E. ASSAM '59.

SPECIALISATIONS : ELECTRICAL INSTRUMENTATION; ELECTRONIC INSTRUMENTATION.

EXPERIENCE : ELECTRICIAN, HUKUM CHAND MILLS, INDORE 1959-62; TECHNICAL ASSTT., R.R.L., JORHAT, 1965-93; TECHNICAL OFFICER (A), R.R.L., JORHAT SINCE, 1993.

PRESENT ACTIVITIES : MAINTENANCE OF INSTRUMENTS.

LANGAUGES : BENGALI, ASSAMESE, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE (IN YEARS) : MAINTENANCE - 34.

3094

SHRI VIVEKANANDA NEOG; (B. JANUARY 1, 1938),

TECHNICAL OFFICER (A), REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : I.A. - GAUHATI '62.

EXPERIENCE : CASHIER, LABORATORY SUPERVISOR, HEAD & LABORATORY SUPERVISOR, R.R.L., JORHAT, 1962-86;

TECHNICAL OFFICER (A), R.R.L., JORHAT SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : VIGILANCE.

LANGAUGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : MAINTENANCE - 20, ADMINISTRATION - 10. IND. MANAGEMENT - 5.

3095

DR(MRS) N SAIKIA; (B. OCTOBER 6, 1951),

SCIENTIST A, REGIONAL RESEARCH LABORATORY, JORHAT.

QUALIFICATIONS : B.SC. - DIBRUGARH '71; M.SC. BOTANY(MICROBIOLOGY) - GAUHATI '82; PH.D. MICROBIOLOGY - GAUHATI '91.

EXPERIENCE : DEMONSTRATOR, BAHONA SCIENCE COLLEGE 1972-75; SR. LAB. ASSTT., J.S.A., S.S.A. R.R.L., JORHAT, 1976-89; SCIENTIST A, R.R.L., JORHAT SINCE FEBRUARY, 1989.

3096

SHRI BASANTA KUMAR SHARMA; (B. MAY 2, 1957),

TECHNICAL OFFICER (A), REGIONAL RESEARCH LABORATORY. JORHAT.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGG. - JORHAT '78.

SPECIALISATIONS : ENGINEERING DRAWING; ESTIMATING AND COSTING; AIR CONDITIONING AND REFRIGERATION; AUTOMOBILE REPAIRING AND MAINTENANCE.

EXPERIENCE : J.T.A. AND S.T.A., R.R.L., JORHAT, 1981-87; TECHNICAL OFFICER (A), R.R.L., JORHAT SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : ENGINEERING SERVICES.

LANGAUGES : ASSAMESE, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : DESIGN - 3, TEACHING - 1, PILOT PLANT - 5, MAINTENANCE - 5.

INDIAN INSTITUTE OF PETROLEUM

3097

DR T S R PRASADA RAO; (B. JANUARY 20, 1939),

DIRECTOR, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY ANDHRA '61; M.SC. CHEMISTRY ANDHRA '63; PH.D. CHEMISTRY - ANDHRA '68.

SPECIALISATIONS : HETROGENEOUS CATALYSIS; PETROLEUM REFINING TECHNOLOGY; PETROCHEMICALS; CATALYLIC PROCESSES IN FERTILISERS.

EXPERIENCE : RESEARCH CHEMIST/ASSISTANT TECHNOLOGIST, CATALYST DEVELOPMENT GROUP, PLANNING & DEVELOPMENT DIVISION, FERTILIZER CORPORATION OF INDIA, SINDRI (PRESENTLY KNOWN AS PDIL), 1967-74: SCIENTIST, SENIOR SCIENTIST, PRINCIPAL RESEARCH OFFICER, SENIOR RESEARCH MANAGER AND DEPUTY GENERAL MANAGER, IPCL, BARODA, 1974-90; DIRECTOR, I.I.P. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : PLANNING R & D MANAGEMENT AND CATALYSIS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A., JAPAN, CANADA, HOLLAND, ITALY, BELGIUM, YUGOSLAVIA, GERMANY, HUNGARY, U.S.S.R.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 29, TECH. REPORTS - 15, PATENTS TAKEN - 2, BOOKS PUBLISHED/EDITED - 1.

AWARDS & DISTINCTIONS : MEMBER, EDITORIAL BOARD OF "APPLIED CATALYSIS" FOR FOUR YEARS; FELLOW, ANDHRA PRADESH SCIENCE ACADEMY, 1993; FORWARD DEVELOPMENT OF TECHNOLOGY AWARD, ICMA, 1985.

3098

SHRI SUDHIR SINGHAL; (B. JULY 4, 1943),

SCIENTIST G, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. MECHANICAL ENGINEERING - I.I.T., KHARAGPUR '65; M.S. APPLIED PHYSICAL SCIENCES - UNIVERSITY OF READING, U.K. '69.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES; FUELS AND LUBRICANTS; TRIBOLOGY; ENGINE LUBRICATION; ALTERNATIVE FUELS.

EXPERIENCE : S.R.F., SCIENTIST B, SCIENTIST C, SCIENTIST EI, SCIENTIST EII AND SCIENTIST F, I.I.P. 1965-90; SCIENTIST G, I.I.P. SINCE APRIL, 1990.

PRESENT ACTIVITIES : R & D AND RESEARCH MANAGEMENT IN ENGINES, FUELS & LUBRICANTS AND PETROLEUM PRODUCTS APPLICATION.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K., FRANCE, W. GERMANY, ITALY, U.S.A., BRAZIL, HUNGARY, CANADA, NEW ZEALAND, AUSTRALIA, SINGAPORE, AUSTRIA, INDONESIA, CHINA.

PUBLICATIONS & PATENTS : RES. PAPERS - 67, TECH. REPORTS - 70.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., TECH. DEV., CONSULTANCY, R & D MGMT., QUALITY CONTROL AND TEACHING :- (TOTAL 26 YEARS).

3099

DR VENKAT RAO SISTA; (B. AUGUST 11, 1938),

SCIENTIST F, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - ANDHRA '59; M.SC. CHEMISTRY - ANDHRA '60; M.TECH. APPLIED CHEMISTRY - I.I.T., KHARAGPUR '61; PH.D. (BIOTECHNOLOGY) 1989.

SPECIALIZATIONS : PETROLEUM TECHNOLOGY; BIOTECHNOLOGY.

EXPERIENCE : S.T.A., O.N.G.C., DEHRA DUN, 1961-62; S.S.A., J.S.O., SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, I.I.P., 1962-83; (ALSO HIGHER TRAINING IN SEPARATION TECHNIQUES, FRENCH INSTITUTE OF PETROLEUM, FRANCE, 1964-66); SCIENTIST F, I.I.P. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : R & D IN PETROLEUM BIOTECHNOLOGY.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH, FRENCH.

VISITED : FRANCE, HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, TECH. REPORTS - 59, SCIENTIFIC BOOKS - 2, ARTICLES - 2, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 19, PILOT PLANT - 10, R & D MGMT. - 12, TECHNO-ECONOMIC SURVEYS - 2, PLANNING - 2, ADMN. - 10.

3100

DR B B AGRAWAL; (B. OCTOBER 21, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - AGRA '56; PH.D. CHEMISTRY - MEERUT '83.

SPECIALIZATIONS : SWEETENING PROCESSES; ANALYTICAL METHODS; PETROLEUM TECHNOLOGY; CHEMISTRY OF SULPHUR IN PETROLEUM CRUDE OIL REFINING AND PROCESSING.

EXPERIENCE : RES. FELLOW, J.I.R. LABORATORY, GWALIOR, 1956-57; CHEMICAL ASSISTANT, CUSTOM HOUSE CHEMICAL LABORATORY, CALCUTTA, 1957-62; ASSOCIATE LECTURER, MADHAV ENGG. COLLEGE, GWALIOR, 1962-63; S.S.A., C.R.R.I., 1963-64; S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P. 1964-87; (ALSO TRAINING IN ANALYTICAL CHEMISTRY BY MODERN METHODS, CZECHOSLOVAKIA AND FRANCE, 1968-69); SCIENTIST EII, I.I.P. SINCE APRIL 1987.

PRESENT ACTIVITIES : R & D IN PETROLEUM TECHNOLOGY FOR SULPHUR REMOVAL AND CONVERSION.

LANGUAGES : HINDI, PUNJABI, ENGLISH, FRENCH.

VISITED : CZECHOSLOVAKIA, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 22, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 9, TECHNICAL DEV. - 10, TESTING - 2, QUALITY CONTROL - 3, TEACHING - 1.

3101

SHRI JAGDISH SINGH BAWA; (B. JULY 28, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - PANJAB '56; B.T. EDUCATION - PANJAB '58; M.SC. CHEMISTRY - AGRA '63; PH.D. - GARHWAL '88.

SPECIALIZATIONS : CATALYSIS.

EXPERIENCE : SENIOR TEACHER, KH. HIGH SCHOOL, PUNJAB, 1956-57; DEMONSTRATOR, S.N. COLLEGE, PUNJAB, 1957-59; S.L.A. AND J.S.A., DEFENCE RESEARCH LABORATORY, KANPUR, 1959-63; SHIFT CHEMIST, O.N.G.C., 1963; S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P. 1963-88; (ALSO HIGHER TRAINING IN PETROCHEMICALS, FRANCE, 1968-69); (ALSO TRAINING IN CATALYSIS IN PETROLEUM REFINERY, U.S.S.R, 1987); SCIENTIST EII, I.I.P. SINCE APRIL 1987.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH, FRENCH.

VISITED : FRANCE, ITALY, U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 19, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR THE PROCESS ON REFORMING OF IOMAX, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, TESTING - 4, TEACHING - 2.

3102

DR S D BHAGAT; (B. JUNE 5, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '58; M.SC. PHYSICAL CHEMISTRY - AGRA '60; PH.D. CHEMISTRY - GAUHATI '84.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; ANALYTICAL CHEMISTRY; GAS CHROMATOGRAPHY.

EXPERIENCE : JUNIOR CHEMIST, F.C.I., NANGAL, 1960-61; J.S.A., C.R.R.I.,NEW DELHI, 1961-64; S.S.A., I.I.P., DEHRADUN, 1964-67; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L., JORHAT, 1967-87; (ALSO HIGHER RESEARCH/TRAINING IN ANALYTICAL CHEMISTRY, SWITZERLAND AND CZECHOSLOVAKIA, 1982); SCIENTIST EI, I.I.P., 1984-87; SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN ANALYTICAL CHEMISTRY & FLUID CATALYTIC CRACKING.

LANGUAGES : HINDI, ENGLISH.

VISITED : SWITZERLAND, CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, TECH. REPORTS - 8(AFTER 1985), PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTIONS : DR SAT GOPAL MEMORIAL AWARD, OIL ASSOCIATION OF INDIA, 1980; FICCI AWARD, 1982 AND 1985; CASH AWARD FROM ERDOL KOHLE ERDGAS PETROCHEMIE (42, 1989).

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. 27.

3103

DR V K BHATIA; (B. JULY 1, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DELHI '60; M.SC. CHEMISTRY - DELHI '62; PH.D. CHEMISTRY - DELHI '65.

SPECIALIZATIONS : SYNTHETIC AND STRUCTURAL CHEMISTRY; RENEWABLE SOURCES FOR FUELS; LUBRICANTS AND RUBBER; CHEMISTRY OF CRUDE OILS; CHEMISTRY OF NATURAL PRODUCTS.

EXPERIENCE : RESEARCH ASSOCIATE, DELHI UNIVERSITY, DELHI, 1965-68; RESEARCH ASSOCIATE, UNIVERSITY OF ILLINOIS, U.S.A., 1968-70; POOL OFFICER, AIIMS / I.I.P., 1971-72; 1968-70; SCIENTIST C AND SCIENTIST EI, I.I.P., 1972-86; SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 72, TECH. REPORTS - 88, PATENTS TAKEN - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, TEACHING - 3.

3104

SHRI K K GANDHI; (B. DECEMBER 25, 1945),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - RANCHI '67.

SPECIALIZATIONS : ALTERNATIVE FUELS; CONSERVATION STUDIES AND EMISSIONS FOR I C ENGINES.

EXPERIENCE : JUNIOR ENGINEER, B.H.E.L., HARDWAR, 1968-69; SCIENTIST B, ENGINEER (C), AND ENGINEER (EI), I.I.P., 1969-87; ENGINEER (EII), I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ALTERNATE FUELS; CONSERVATION & FIELD STUDIES ON I.C. ENGINES & COMBUSTION.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K., U.S.A., W. GERMANY, AUSTRIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 44, TECH. REPORTS - 70, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 9, CONSULTANCY - 7, R & D MANAGEMENT - 7, CONSTRUCTION - 1, MAINTENANCE - 1.

3105

DR ASHOK KUMAR GUPTA; (B. APRIL 13, 1946),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '62; B.E. CHEMICAL ENGINEERING - ROORKEE '67; M.E. CHEMICAL ENGINEERING - ROORKEE '77; PH.D. CHEMICAL ENGINEERING - ROORKEE '83.

SPECIALIZATIONS : PLANT AND EQUIPMENT DESIGN; PETROLEUM REFINING; PETROCHEMICALS; PLASTICS AND

HIGH POLYMERS; MODELLING AND SIMULATION; PROCESS ENGINEERING AND COMPUTER APPLICATIONS.

EXPERIENCE : J.R.F., C.B.R.I., 1968; GRADUATE ENGINEER. D.C.M. CHEMICALS WORKS, DELHI, 1968-69; J.R.F., S.S.A., SCIENTIST B, ENGINEER (C) AND ENGINEER (EI), I.I.P., 1970-87; ENGINEER (EII), I.I.P. SINCE DECEMBER 1987; (ALSO TRAINING IN REACTOR ENGINEERING AND CATALYTIC PROCESS. FRANCE, 1987). SPECIALISED TRAINING IN COMPUTER SOFTWARE DEVELOPMENT FOR AUTOMATIC CONTROL SYSTEMS AND USE OF TELEPERM-M AND STEP LANGUAGES: AT S.I.E. M.E.N.S. LTD., PARIS, FRANCE.

PRESENT ACTIVITIES : R & D IN PETROCHEMICALS.

LANGUAGES : HINDI. ENGLISH, FRENCH.

VISITED : FRANCE. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 18. TECH. REPORTS - 28, PATENTS FILED - 2. PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 18, DESIGN - 15. PILOT PLANT - 3, OPERATION - 1, MAINTENANCE - 1. PRODUCTION - 1, COMPUTER PROCESSING - 10, PROCESS ENGINEERING - 10.

3106

SHRI SUSHIL KUMAR JAIN; (B. MARCH 5, 1943),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ROORKEE '63; A.M.I.E. MECHANICAL - INSTITUTION OF ENGINEERS, INDIA '68.

SPECIALIZATIONS : PERFORMANCE EVALUATION OF AUTOMOTIVE AND INDUSTRIAL LUBRICANTS; DEVELOPMENT OF INDIGENOUS TEST PROCEDURES; UTILIZATION OF FUELS AND LUBRICANTS IN I C ENGINES.

EXPERIENCE : INSTRUCTOR. UNIVERSITY OF ROORKEE, 1963; SUPERVISOR A (TECHNICAL). ORDNANCE FACTORY, DEHRADUN 1963-64; J.T.A., S.T.A., SCIENTIST A, SCIENTIST B, ENGINEER (C) AND ENGINEER (EI), I.I.P., 1964-87; ENGINEER (EII), I.I.P., SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D ON ENGINE LUBRICANTS AND ENGINE FUELS.

LANGUAGES : HINDI. ENGLISH.

VISITED : W. GERMANY, AUSTRIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 89.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF ENGINEERS (INDIA), 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

3107

SHRI V K JAIN; (B. NOVEMBER 11, 1942),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '61; B.SC. (ENGG.) MECHANICAL ENGINEERING - RANCHI '65.

SPECIALIZATIONS : TRIBOLOGY; PLASTIC BEARING MATERIALS.

EXPERIENCE : J.R.F., S.T.A., SCIENTIST B, ENGINEER (C) AND SCIENTIST EI, I.I.P., 1965-81; (ALSO TRAINING IN 2 T OIL, FRANCE, 1971-73); ENGINEER (EII), I.I.P. SINCE JULY 1987.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY.

LANGUAGES : HINDI, ENGLISH, FRENCH.

VISITED : FRANCE, ITALY, W. GERMANY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 26, TECH. REPORTS - 51. ARTICLES - 2, PATENTS TAKEN - 1. AWARDS & DISTINCTIONS: TOKEN OF APPRECIATION AS "EUROTRIB '89". WEAR JOURNAL.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1. APP. RES. - 14, DESIGN - 1, TECH. DEV. - 2, CONSULTANCY - 1, OPERATION - 1, TESTING - 2, TEACHING - 1.

3108

DR K S JAUHRI; (B. MAY 20, 1941),

SCIENTIST EII. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - AGRA '61; DR. RER. NAT. CHEMISTRY - GERMAN ACADEMY OF SCIENCES. BERLIN '79.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PETROCHEMICALS; DETERGENTS; INDUSTRIAL LIAISON.

EXPERIENCE : LECTURER, R.S.M. COLLEGE. DHAMPUR. 1961; J.T.A. AND S.T.A., O.N.G.C., DEHRADUN , 1962-64; S.S.A., SCIENTIST B. SCIENTIST C AND SCIENTIST EI. I.I.P., 1964-86; (ALSO TRAINING IN SURFACTANTS, E. GERMANY. 1969-70 AND 1979); SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : E. GERMANY, W. GERMANY, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 6. TECH. REPORTS - 24, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21. TESTING - 2, TEACHING - 1.

3109

SHRI D L KAPOOR; (B. JULY 12, 1936),

TECHNICAL OFFICER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. PHYSICS - AGRA '57.

SPECIALIZATIONS : INSTRUMENTATION (REPAIR AND MAINTENANCE).

EXPERIENCE : J.S.A., C.R.R.I., 1958-62; S.T.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, TECHNICAL OFFICER (EI), I.I.P., 1962-88; (ALSO TRAINING IN INSTRUMENTATION. U.K., W. GERMANY & FRANCE, 1968-69); SCIENTIST EII. I.I.P. SINCE JULY 1988.

PRESENT ACTIVITIES : INSTRUMENTATION (REPAIR & MAINTENANCE).

LANGUAGES : HINDI, URDU, ENGLISH.

VISITED : U.K., W. GERMANY, FRANCE.

PUBLICATIONS & PATENTS : TECH. REPORTS - 28. RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENACE - 30 PATENTS UNDER PROCESS - 2.

3110

SHRI V K KAPOOR; (B. AUGUST 22, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.M.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '79; P.G. DIPLOMA IN PETROLEUM REFINING AND PETROCHEMISTRY - ROMANIA '76.

SPECIALIZATIONS : PETROLEUM REFINING AND PETROCHEMISTRY; CATALYTIC REFORMING.

EXPERIENCE : APPRENTICE AND LABORATORY CHEMISTS, SUGAR AND VEGETABLE OILS PRODUCING INDUSTRIES, 1960-63; S.L.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1963-87; SCIENTIST EII, I.I.P. SINCE DEC. 1987.

PRESENT ACTIVITIES : R & D IN CATALYTIC REFORMING AND HYDROPROCESSING.

LANGUAGES : HINDI, ENGLISH, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 36.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, PILOT PLANT - 18.

3111

SHRI G N KULSRESTHA; (B. APRIL 28, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - AGRA '55.

SPECIALIZATIONS : PETRO AND COAL CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY; HYDROCARBON CONVERSION.

EXPERIENCE : LECTURER, B.R. COLLEGE, AGRA, 1955; RESEARCH SCHOLAR, J.S.A., S.S.A. AND J.S.O., C.F.R.I., DHANBAD, 1955-65; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1965-85; (ALSO ADVANCED TRAINING IN HYDROCARBON OXIDATION, FRENCH INSTITUTE OF PETROLEUM, FRANCE, 1967-68); SCIENTIST EII, I.I.P. SINCE APRIL, 1985.

PRESENT ACTIVITIES : RESEARCH ON CATALYTIC CRACKING.

LANGUAGES : HINDI, URDU, ENGLISH, FRENCH.

VISITED : FRANCE, W. GERMANY, E. GERMANY, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 25, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, TEACHING - 1.

3112

DR PRADEEP KUMAR; (B. AUGUST 11, 1943),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '59; M.SC. PHYSICS - ALLAHABAD '61; D.PHIL. - GARHWAL '82.

SPECIALIZATIONS : SPECTROSCOPY; CHROMATOGRAPHY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : LECTURER, D.A.V. COLLEGE, MUZAFFARNAGAR, 1961-65; J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1965-85; (ALSO HIGHER TRAINING IN ANALYSIS OF PETROLEUM FRACTIONS AND PRODUCTS BY INSTRUMENTAL TECHNIQUES - MASS SPECTROMETRY, U.K. AND FRANCE, 1970); SCIENTIST EII, I.I.P. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : INSTRUMENTAL ANALYSIS.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, ANALYSIS - 24, QUALITY CONTROL - 2, TEACHING - 4.

3113

SHRI Y KUMAR; (B. AUGUST 7, 1940),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '60; P.G. DIPLOMA IN PETROLEUM TECHNOLOGY - INSTITUTE OF PETROLEUM, ROMANIA '71; M.SC. PHYSICAL CHEMISTRY - GARHWAL '83.

SPECIALIZATIONS : REFINING OF PETROLEUM WAXES AND LUBE STOCKS; SEPARATION PROCESSES FOR PETROLEUM REFINING; EXTRACTIVE CRYSTALLIZATION; UTILIZATION OF PARAFFIN AND MICROCRYSTALLINE WAXES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1962-81; SCIENTIST EII, I.I.P. SINCE FEBRUARY 1987.

PRESENT ACTIVITIES : CRUDE OIL DATA BASE, MARKET SURVEYS FOR DEMAND FORECASTING AND TECHNO-ECONOMIC FEASIBILITY STUDIES.

LANGUAGES : HINDI, ENGLISH, FRENCH, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 54, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, PILOT PLANT - 2.

3114

SHRI MOHAN LAL; (B. JULY 1, 1943),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - AGRA '62; A.M.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '79.

SPECIALIZATIONS : CATALYSIS AND PROCESS DEVELOPMENT IN CATALYTIC REFINING AND HYDROPROCESSING; COMMISSIONING & TROUBLESHOOTING OF CATALYTIC REFORMING & HYDROPROCESSING PLANTS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIETIST EI, I.I.P., 1963-86; (ALSO TRAINING UNDER UNESCO PROGRAMME, FRANCE, 1968-69); SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN HYDROPROCESSING AND CALALYTIC REFINING.

LANGUAGES : HINDI, ENGLISH, FRENCH.

VISITED : FRANCE, ITALY, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 68, PATENTS TAKEN - 1, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, PILOT PLANT - 21, COMMERCIAL PLANT COMMISSIONING - 4.

3115

SHRI R P MEHROTRA; (B. APRIL 10, 1936),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - LUCKNOW '56.

SPECIALIZATIONS : CATALYSIS; ANALYTICAL CHEMISTRY; INORGANIC PREPARATIONS.

EXPERIENCE : CHEMICAL ASSISTANT, ARCHAEOLOGICAL SURVEY OF INDIA, DEHRADUN, 1956-64; (ALSO SPECIALISED TRAINING IN SCIENTIFIC EXAMINATION OF ANCIENT MATERIALS, FRANCE, 1962-63); S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1964-86; (ALSO VISITING SCIENTIST TO VARIOUS R & D CATALYSIS CENTRES, U.K. AND FRANCE, 1978); SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN CATALYSIS RELATED TO REFINING AND PETROCHEMICALS INDUSTRY.

LANGUAGES : HINDI, ENGLISH, FRENCH.

VISITED : U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 29, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR IMPORT SUBSTITUTION FOR DEVELOPMENT OF F I A GRADE SILICA GEL, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, TESTING - 8, MAINTENANCE - 3.

3116

SHRI K G MITTAL; (B. MAY 20, 1941),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRADUN.

QUALIFICATIONS : B.SC. - AGRA '59; B.SC. CHEMICAL ENGINEERING - AGRA '64.

SPECIALIZATIONS : THERMAL CRACKING OF PETROLEUM HYDROCARBONS; VAPOUR-LIQUID PHASE HETEROGENEOUS CATALYTIC REACTIONS; DESIGN OF HIGH PRESSURE UNITS AND SCALE-UP OF LABORATORY DATA; PROCESS DEVELOPMENT (HYDROPROCESSING).

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, ENGINEER (C) AND ENGINEER (EI), I.I.P., 1965-86; ENGINEER (EII), I.I.P. SINCE AUGUST, 1986.

PRESENT ACTIVITIES : RESEARCH AND PROCESS DEVELOPMENT (HYDROPROCESSING).

LANGUAGES : HINDI, ENGLISH.

VISITED : FRANCE, U.S.A., GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 61, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES AND TECH. DEV. - 26.

3117

DR P C NAUTIYAL; (B. FEBRUARY 24, 1946),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL ENGINEERING - B.H.U. '68; PH.D. MECHANICAL ENGINEERING - I.I.T., DELHI '81.

SPECIALIZATIONS : TRIBOLOGICAL ASPECTS OF I.C. ENGINES; APPLICATION OF RADIOTRACER TECHNIQUE IN RESEARCH PERFORMANCE OF LUBRICANTS; METAL WORKING TRIBOLOGY; LUBRICATION MECHANISM OF VARIOUS SURFACE TREATMENTS.

EXPERIENCE : J.R.F., SCIENTIST B, ENGINEER C AND ENGINEER (EI), I.I.P., 1968-86; (ALSO VISITING FELLOW UNIVERSITY OF WATERLOO, CANADA, HIGHER TRAINING UNDER UNDP, CANADA AND U.S.A AND INDONESIA 1984-85); VISITING FELLOW, UNIVERSITY OF WATERLOO, CANADA 1988-90; ENGINEER EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : TRIBOLOGY IN METAL WORKING, METAL TRANSFER IN FRICTIONAL CONTACTS AND LUBRICATION MECHANISM OF SURFACE TREATED MATERIALS.

LANGUAGES : HINDI, ENGLISH.

VISITED : CANADA, U.S.A., INDONESIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 45, TECH. REPORTS - 40, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 7, DESIGN - 1, TECH. DEV. - 1, CONSULTANCY - 1, R & D MGMT. - 3, TESTING - 1, TEACHING - 1, PLANNING - 1, COMPUTER PROCESSING - 1.

3118

DR PRABHAT K PANDAY; (B. NOVEMBER 15, 1938),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - LUCKNOW '56; M.SC. PHYSICS - LUCKNOW '58; DR. RER. NAT. PHYSICS - UNIVERSITY OF STUTTGART, W. GERMANY '69.

SPECIALIZATIONS : X-RAY CRYSTALLOGRAPHY AND X-RAY SPECTROSCOPY; PHYSICAL METALLURGY; CATALYSTS AND CLAY MINERALOGY; PETROLEUM PRODUCTS.

EXPERIENCE : TEACHER, K.K.V. COLLEGE, LUCKNOW, 1958-61; SENIOR PHYSICS TEACHER, BIRLA VIDYA MANDIR, NAINITAL, 1961-64; RESEARCH ASSOCIATE, MAX-PLANCK INSTITUTE AND INSTITUTE OF TECHNICAL PHYSICS, STATTGART, WEST GERMANY, 1969-70; POOL OFFICER (CSIR), LUCKNOW UNIVERSITY, 1971-73; SCIENTIST C AND SCIENTIST EI, 1973-81; SCIENTIST EII, I.I.P. SINCE APRIL 1987.

PRESENT ACTIVITIES : X-RAY INSTRUMENTAL ANALYSIS.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, FRANCE, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH REPORTS - 12, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP. RES. - 26, TEACHING - 6.

3119

DR B P PUNDIR; (B. JULY 1, 1945),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '63; B.E. MECHANICAL - ROORKEE '66; P.G. DIPLOMA IN UTILIZATION OF PETROLEUM PRODUCTS IN ENGINES AND INDUSTRY - I.I.P., DEHRADUN '67; M.S. MECHANICAL ENGINEERING - UNIVERSITY OF WISCONSIN, U.S.A. '76. PH.D. MECHANICAL ENGINEERING - ROORKEE '82.

SPECIALIZATIONS : THERMODYNAMICS OF ENGINE COMBUSTION; PETROLEUM AND ALTERNATIVE FUELS; ENGINE EMISSION AND AIR POLLUTION; ENGINE DEVELOPMENT RELATED TO COMBUSTION PROCESSES.

EXPERIENCE : D.M.E. (FUELS), MAHARASHTRA STATE ROAD TRANSPORT CORPORATION, MAHARASHTRA, 1967-68; SCIENTIST B, ENGINEER (C) AND ENGINEER (EI), I.I.P., 1968-86; (ALSO ADVANCED TRAINING AND STUDY VISITS IN COMBUSTION AND APPLICATION OF ALTERNATIVE FUELS IN I.C. ENGINES, W.GERMANY, FRANCE, U.K., JAPAN, U.S.A. 1976, 1978, 1980, 1984 AND 1986); SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D ON ENGINES, FUELS, COMBUSTION AND EMISSIONS; MATHEMATICAL SIMULATION OF ENGINE CYCLE PROCESSES.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., W. GERMANY, FRANCE, U.K., BRAZIL, JAPAN, CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 101, PATENTS TAKEN - 1. AWARDS & DISTINCTIONS: JOINT RECIPIENT OF A PRIZE IN 'SAVE PETROL' CONTEST ORGANISED BY THE FEDERATION OF INDIAN AUTOMOBILES ASSOCIATION, BOMBAY 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 23.

3120

DR B S RAWAT; (B. AUGUST 3, 1937),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '59; M.SC. CHEMISTRY - AGRA '61; PH.D. CHEMISTRY - MEERUT '74.

SPECIALIZATIONS : LIQUID-LIQUID AND VAPOUR-LIQUID EQUILIBRIUM; PETROLEUM REFINING TECHNOLOGY; PHYSICAL SEPARATION PROCESSES; PERMEATION OF HYDROCARBON TYPES THROUGH LIQUID AND SOLID MEMBRANES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1964-86; (ALSO HIGHER TRAINING IN SOLVENT EXTRACTION OF AROMATIC, U.S.S.R., 1972-73); SCIENTIST EII, I.I.P. SINCE JUNE, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.S.R., ROMANIA, CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 53, TECH. REPORTS - 51, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 2, PROCESS UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INDIAN CHEMICAL MANUFACTURERS ASSOCATION (ICMA) AWARD, 1985; MRS CHINNAMAL MEMORIAL AWARD FOR BEST TECHNICAL PAPER. 1985; SILVER MEDAL FOR BEST INVENTION DISPLAYED IN ALL INDIA INDUSTRIAL EXHIBITION, 1986; FICCI AWARD FOR RESEARCH IN SCIENCE & TECHNOLOGY, 1986; AWARD FOR EXCELLENCE FOR DEVELOPMENT & COMMERCIALISATION OF EXTRACTION TECHNOLOGY, 1988; CSIR TECHNOLOGY AWARD, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 27, TECH. DEV. - 20, TEACHING - 2.

3121

DR M L SAGU; (B. OCTOBER 15, 1946),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '65; M.SC. CHEMISTRY - MEERUT '68; PH.D. CHEMISTRY - GARHWAL '82.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; RADIATION CHEMISTRY; POLYMER CHEMISTRY; SOLID STATE REACTIONS; COMPUTER SIMULATION AND MODELLING; SEPARATION PROCESSES.

EXPERIENCE : J.L.A. AND J.S.A., I.I.P., 1966-69; SCIENTIFIC OFFICER, B.A.R.C., BOMBAY, 1969-72; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1972-88; SCIENTIST EII, I.I.P. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : COMPUTER SIMULATION AND MODELLING.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 9.

3122

DR K M SHARAN; (B. JULY 1, 1935),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - ALLAHABAD '57; M.SC. CHEMISTRY - ALLAHABAD '60; D.PHIL. CHEMISTRY - ALLAHABAD '64.

SPECIALIZATIONS : CATALYSIS; APPLICATION OF RADIATION TECHNIQUES; REFINING PROCESSES.

EXPERIENCE : RESEARCH CHEMIST, FERTILIZER CORPORATION OF INDIA, SINDRI, 1964-65; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1965-82; (ALSO RESEARCH ON PETROCHEMICALS, HUNGARY AND FRANCE, 1968-69); SCIENTIST EII, I.I.P. SINCE APRIL, 1988. PREPARING PETROLEUM LITERATURE IN HINDI, A GLOSSARY COMPILED.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, FRENCH, HUNGARIAN.

VISITED : HUNGARY, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 18, R & D MANAGEMENT - 18, PROCESS DEVELOPED - 3.

3123

DR HIMMAT SINGH; (B. DECEMBER 2, 1938),

SCIENTIST EII, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '58; M.SC. CHEMISTRY - AGRA '61; DIPLOME D'INGENIEUR IN PETROLEUM REFINING AND PETROCHEMICALS - FRANCE '64; PH.D. CHEMISTRY - MEERUT '81.

SPECIALIZATIONS : PETROLEUM REFINING PROCESS TECHNOLOGY; FUELS AND LUBRICANTS CHEMISTRY; PETROLEUM CHEMISTRY; PROCESS DEVELOPMENT.

EXPERIENCE : SSA, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, I.I.P., 1964-87; (ALSO ADVANCED TRAINING IN PETROLEUM REFINERY PROCESSES, ROMANIA, 1976 AND AT I.F.P., FRANCE, 1981 AND 1985); SCIENTIST EII, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH, FRENCH.

VISITED : FRANCE, ROMANIA, MEXICO, W. GERMANY, U.K., HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 53, TECH. REPORTS - 110, PATENTS TAKEN - 2, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT - 10, R & D MANAGEMENT - 12, QUALITY CONTROL - 18, TEACHING AND TRAINING -OVER 20 YEARS

3124

SHRI T N SINGH; (B. OCTOBER 6, 1940),

ENGINEER (EII), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL ENGINEERING & CHEMICAL TECHNOLOGY - B.H.U. '61; M.SC. (ENGG.) MECHANICAL ENGINEERING - I.I.SC., BANGALORE '83.

SPECIALIZATIONS : COMBUSTION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, ENGINEER (C), ENGINEER(EI), I.I.P., 1962-87; (ALSO VISITED FRANCE FOR HIGHER TRAINING, 1971-72); ENGINEER (EII), I.I.P. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 44, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

3125

DR MATHEW ABRAHAM; (B. DECEMBER 23, 1952),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - KERALA '73; M.TECH. MECHANICAL ENGINEERING - I.I.T., MADRAS '76; PH.D. - ROORKEE '90.

SPECIALIZATIONS : COMBUSTION AND FUEL UTILISATION IN I C ENGINES.

EXPERIENCE : ENGINEER B, I.I.P., 1976-81; SCIENTIST EI, I.I.P., 1981-87; ENGINEER (EI), I.I.P. SINCE AUGUST 1987; (ALSO STUDY TOUR TO UNIVERSITY OF CALGARY, CANADA, 1981-82).

PRESENT ACTIVITIES : R & D.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

VISITED : CANADA, U.S.A., FRANCE, AUSTRIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 29, ARTICLES - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 14.

3126

DR K M AGRAWAL; (B. JUNE 14, 1945),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '63; M.SC. CHEMISTRY - AGRA '65; PH.D. CHEMISTRY - MEERUT '81.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PETROLEUM WAXES; FLOW BEHAVIOUR OF WAXY CRUDES AND PRODUCTS; QUALITY CONTROL OF PETROLEUM PRODUCTS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P., 1966-83; SCIENTIST EI, I.I.P. SINCE MAY, 1983; (ALSO TRAINING IN FLOW BEHAVIOUR IN CRUDE TRANSPORTATION, W.GERMANY, 1986).

PRESENT ACTIVITIES : R & D ON PETROLEUM WAXES AND CRUDE OIL RHEOLOGY.

LANGUAGES : HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 54, TECH. REPORTS - 40, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : FELLOW MEMBER, INDIAN COUNCIL OF CHEMISTS.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 9, QUALITY CONTROL - 3.

3127

SHRI ONKAR NATH ANAND; (B. MAY 13, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - DELHI '61; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '68.

SPECIALIZATIONS : SURFACTANT AND COLLOID CHEMISTRY; LUBRICANT ADDITIVES CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P., 1961-84; (ALSO RESEARCH ON THE DEVELOPMENT AND EVALUATION OF SURFACTANT FORMULATIONS FOR TERTIARY RECOVERY OF CRUDE OILS, UNDER U.N.E.S.C.O., ROMANIA, 1975); SCIENTIST EI, I.I.P. SINCE APRIL, 1984.

PRESENT ACTIVITIES : R & D IN ADDITIVES & SURFACTANTS.

LANGUAGES : HINDI, PUNJABI, ENGLISH, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 21, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 14, TESTING - 3.

3128

SHRI MOHD ANWAR; (B. MARCH 15, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '63; M.SC. CHEMISTRY - MEERUT '69; P.G. DIPLOMA IN PETROLEUM REFINING TECHNOLOGY - ROMANIA '76.

SPECIALIZATIONS : PETROLEUM REFINING TECHNOLOGY; STANDARD TESTING OF PETROLEUM PRODUCTS; LIQUID-LIQUID EXTRACTION; EVALUATION OF CRUDE OILS FOR LUBES.

EXPERIENCE : LABORATORY ASSISTANT, J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P., 1964-82; SCIENTIST EI, I.I.P. SINCE DECEMBER, 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : URDU, HINDI, ENGLISH.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 12, PILOT PLANT - 5, TESTING - 3, QUALITY CONTROL - 2.

3129

SHRI G S CHAUDHARY; (B. JANUARY 16, 1940),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. MATHEMATICS - LUCKNOW '61; M.SC. CHEMISTRY - LUCKNOW '63.

SPECIALIZATIONS : EVALUATION AND PROCESSING OF LUBRICATING OILS; PLASTICIZER FOR PVC; RUBBER PROCESSING OILS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, SCIENTIST C, I.I.P., 1964-86; SCIENTIST EI, I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 36, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27.

3130

SHRI G S DANG; (B. APRIL 12, 1949),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL - PANJAB '70; M.E. CHEMICAL ENGINEERING - ROORKEE '79.

SPECIALIZATIONS : EVALUATION OF CRUDE OILS; LIQUID-LIQUID EXTRACTION; PETROLEUM REFINING.

EXPERIENCE : J.R.F., S.S.A. ENGINEER B & ENGINEER C, I.I.P., 1970-86; ENGINEER (EI), I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D IN REFINING PROCESS (DEASPHALTING)

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 33, PROCESS UNDER UTILISATION - 1. AWARDS & DISTINCTIONS: N.R.D.C. AWARD IN 1987; CSIR TECHNOLOGY PRIZE IN 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 13.

3131

SHRI R S GAHARWAR; (B. FEBRUARY 6, 1943),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '60; M.SC. CHEMISTRY - AGRA '62.

SPECIALISATIONS : ORGANIC SYNTHESIS OF PETROLEUM ADDITIVES FOR FUEL AND LUBRICANTS; ORGANIC SYNTHESIS; PRODUCT PROCESS DEVELOPMENT.

EXPERIENCE : LECTURER, D.A.V. COLLEGE, PREMNAGAR DEHRA DUN, 1962-63; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P., 1963-83; SCIENTIST EI, I.I.P. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : RESEARCH ON ADDITIVES & SURFACTANTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 17, PATENTS TAKEN - 1, PATENTS FILED-3, PROCESSES DEVELOPED -1, PROCESSES UNDER UTILISATION - 3.

AWARDS & DISTINCTIONS : BEST SCIENTIFIC WORKER AWARD, IIP, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, TEACHING - 1.

3132

SHRI PRAKASH CHANDRA GUPTA; (B. OCTOBER 30, 1941),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - RANCHI '63.

SPECIALIZATIONS : EVALUATION AND PROCESSING OF CRUDE OILS; AROMATIC EXTRACTION; PROCESS DESIGN; HYDROPROCESSING.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P., 1965-82; (ALSO TRAINING IN PROCESS DESIGN, FRANCE, 1968-69); SCIENTIST EI, I.I.P. SINCE JUNE, 1982.

PRESENT ACTIVITIES : R & D IN REFINING PROCESS.

LANGUAGES : HINDI, SANSKRIT, ENGLISH, FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 31, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD, 1987; CSIR TECHNOLOGY AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, DESIGN - 2, PILOT PLANT - 4.

3133

SHRI S K JAIN; (B. JANUARY 1, 1946),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

3134

SHRI A JAYARAMAN; (B. FEBRUARY 5, 1943),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MADRAS '62; M.SC. CHEMISTRY - I.I.T., KANPUR '69; M.S. CHEMISTRY - PURDUE UNIVERSITY, U.S.A. '73.

SPECIALIZATIONS : CORROSION; ELECTROCHEMISTRY; SOLID STATE CHEMISTRY.

EXPERIENCE : S.L.A., C.E.C.R.I., 1962-65; TECHNICAL ASSISTANT, I.I.T.,KANPUR, 1965-71; S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P., 1974-87; SCIENTIST EI, I.I.P. SINCE FEBRUARY, 1987. (ALSO TRAINING IN REFINERY CORROSION PROBLEMS, U.S.A., 1981).

PRESENT ACTIVITIES : R & D IN CORROSION IN PETROLEUM REFINERY PROCESSING & TRANSPORTATION UNITS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 17, ARTICLES - 3, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14, TEACHING - 4.

3135

SHRI R C JOSHI; (B. APRIL 24, 1937),

TECHNICAL OFFICER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '58; CERTIFICATE IN LIBRARY SCIENCE - ALIGARH '60; CERTIFICATE IN DOCUMENTATION AND INFORMATION SERVICES - DEPARTMENT OF SCIENCE AND TECHNOLOGY, DELHI '75.

SPECIALIZATIONS : DOCUMENTATION; INFORMATION SERVICES; LIBRARY SCIENCE.

EXPERIENCE : CATALOGUER, D.S.B. GOVT. COLLEGE, NAINITAL, 1956-60; CATALOGUER AND J.S.A., C.B.R.I., ROORKEE, 1960-63; SENIOR LIBRARIAN AND S.T.A., (LIBRARIAN, I.D.P.L., RISHIKESH, 1968-69); SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P., 1963-88; SCIENTIST EI, I.I.P. SINCE APRIL, 1988.

PRESENT ACTIVITIES : LIBRARY ORGANISATION & MANAGEMENT.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. PAPERS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : LIBRARY & INFORMATION SERVICES - 35.

3136

SHRI K S KAMBO; (B. JULY 15, 1937),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - GARHWAL '78.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; COMBUSTION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P. 1962-87; SCIENTIST EI, I.I.P. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D IN COMBUSTION.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECHNICAL REPORTS - 34, PATENTS TAKEN - 7, PROCESSES UNDER UTILISATION - 2. PROFESSIONAL EXPERIENCE(IN YEARS): BASIC RES. - 3, APP. RES. - 26.

3137

SHRI PRAMOD G KHANWALKAR; (B. FEBRUARY 18, 1950),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. ELECTRICAL ENGINEERING - I.I.T., KANPUR '71.

SPECIALIZATIONS : DESIGN AND DEVELOPMENT OF ELECTRONIC CALCULATORS; ELECTRONIC INSTRUMENTATION.

EXPERIENCE : ELECTRONIC ENGINEER, M/S ELECTRONICS AND COMPUTERS (INDIA) LTD., 1971-72; ELECTRONIC ENGINEER, M/S N.S.H. BUSINESS MACHINES (P) LTD., 1972-76; TECHNICAL OFFICER (B) AND TECHNICAL OFFICER (C), I.I.P. 1976-87; ENGINEER (EI), I.I.P. SINCE AUGUST 1987.

PRESENT ACTIVITIES : DESIGN, DEVELOPMENT AND MAINTENANCE OF ELECTRONIC INSTRUMENTS.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : AUSTRIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 5, TECH. DEV. - 5, QUALITY CONTROL - 5, MAINTENANCE - 14, PRODUCTION - 2.

3138

DR YOGESH KUMAR KUCHHAL; (B. JUNE 2, 1943),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '62; M.SC. CHEMISTRY - AGRA '64; PH.D. CHEMISTRY - POONA '70.

SPECIALIZATIONS : PETROLEUM REFINING PROCESSES.

EXPERIENCE : LECTURER, M.S. COLLEGE, SAHARANPUR, 1964-65; LECTURER, D.A.V. COLLEGE, MUZAFFARNAGAR, 1965; J.R.F., N.C.L., 1966-68; S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P. 1969-86; SCIENTIST EI, I.I.P. SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : DATA BANK & TECHNOLOGICAL SERVICES.

LANGUAGES : HINDI, ENGLISH, GERMAN, ARABIC.

VISITED : IRAQ.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 24. TEACHING - 2.

3139

SHRI MAN MOHAN KUMAR; (B. AUGUST 24, 1944),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. AGRA '63; B.E. CHEMICAL - ROORKEE '67; M.SC. (ENGG.) CHEMICAL - B.H.U. '69.

SPECIALIZATIONS : PETROLEUM REFINING TECHNOLOGY; HEAT AND MASS TRANSFER; SOLVENT EXTRACTION AND COMBUSTION.

EXPERIENCE : SCIENTIST B, I.I.P., 1970-75; SCIENTIST C, I.I.P. 1975-86; SCIENTIST EI, I.I.P. SINCE JULY, 1986.

PRESENT ACTIVITIES : R & D IN PETROLEUM REFINING AND COMBUSTION.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 33.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 20.

3140

SHRI MOHAN LALL; (B. NOVEMBER 7, 1938),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - PANJAB '58; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '69; P.G. DIPLOMA IN PETROLEUM REFINING & PETROCHEMICAL INDUSTRIES - INSTITUTE OF PETROLEUM SCIENCE, ROMANIA '79.

SPECIALIZATIONS : PETROLEUM TECHNOLOGY; EVALUATION OF CRUDE AND REFINING PROCESSES; SOLVENT DEASPHALTING; INDUSTRIAL LIAISON.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. SCIENTIST B, AND SCIENTIST C, I.I.P. 1961-88; SCIENTIST EI, I.I.P. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : R & D IN PETROLEUM TECHNOLOGY; INDUSTRIAL LIAISON.

LANGUAGES : HINDI, URDU, ENGLISH.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 55.

AWARDS & DISTINCTIONS : IIP BEST WORKER AWARD, 1968.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, TESTING - 3, QUALITY CONTROL - 3, INDUSTRIAL LIAISON - 4.

3141

SHRI H K MADAN; (B. NOVEMBER 13, 1944),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E.MECHANICAL - PANJAB '68.

SPECIALIZATIONS : INDUSTRIAL COMBUSTION; DESIGN AND DEVELOPMENT OF INDUSTRIAL BURNERS UTILISING PETROLEUM FUELS.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST A, ENGINEER (B) AND ENGINEER (C), I.I.P., 1970-87; (ALSO TRAINING IN APPLIED COMBUSTION AT UNIVERSITY OF LEEDS, U.K. AND AT INTERNATIONAL FLAME RESEARCH FORMATION, HOLLAND, 1976-77); ENGINEER (EI), I.I.P. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D IN APPLIED COMBUSTION RELATING TO DESIGN AND DEVELOPMENT OF INDUSTRIAL BURNERS UTILISING PEPROLEUM FUELS.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : U.K., HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 38, PATENTS ACCEPTED - 6, PATENTS FILED - 2, PROCESS UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF LAP FILM EFFICIENT BURNER, 1985; IIP BEST WORKER AWARD, 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20.

3142

SHRI R L MENDIRATTA; (B. JULY 12, 1944),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - PANJAB '69.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES; PERFORMANCE EVALUATION OF FUELS AND LUBRICANTS; ENGINE LUBRICATION AND WEAR.

EXPERIENCE : GRADUATE APPRENTICE, J.R.F., J.S.A. AND S.S.A., I.I.P., 1970-75; ASSISTANT ENGINEER, O.N.G.C., 1975-76; ENGINEER (B) AND ENGINEER C, I.I.P., 1976-87; (ALSO HIGHER TRAINING, FRANCE & U.K., 1979-80); ASSTT. MANAGER, LUBRIZOL INDIA LTD., 1984-85; ENGINEER (EI), I.I.P. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D IN USE OF FUELS AND LUBRICANTS INCLUDING ALTERNATIVE FUELS IN IC ENGINES.

LANGUAGES : HINDI, PUNJABI, ENGLISH, FRENCH.

VISITED : FRANCE, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 47. PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TECH. DEV. - 4, CONSULTANCY - 1, OPERATION - 1, TESTING - 2. MAINTENANCE - 1.

3143

DR G C MISRA; (B. JANUARY 2, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - AGRA '63; PH.D. CHEMISTRY - AGRA '72.

SPECIALIZATIONS : ORGANIC CHEMISTRY; SYNTHESIS OF ADDITIVES; GREASES.

EXPERIENCE : J.S.A. AND S.S.A., DEFENCE RESEARCH LABORATORY, KANPUR, 1957-72; SCIENTIST B AND SCIENTIST C, I.I.P., 1972-83; SCIENTIST EI, I.I.P. SINCE APRIL, 1983.

PRESENT ACTIVITIES : R & D OF GREASES, 2-STROKE AND 4-STROKE ENGINE OILS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECH. REPORTS - 10, PATENTS - 2.

AWARDS & DISTINCTIONS : BEST REVIEW ARTICLE AWARD, D R M L. KANPUR.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 16, QUALITY CONTROL - 1.

3144

DR G MURALIDHAR; (B. JULY 31, 1948),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - ANDHRA '70; M.SC. PHYSICAL CHEMISTRY - B.H.U. '73; PH.D. CATALYSIS - I.I.T. MADRAS '79.

EXPERIENCE : RESEARCH ASSOCIATE, UNIVERSITY OF UTAH, USA 1979-82; RESEARCH ASSOCIATE, BRIGHAM, YOUNG UNIV. USA, 1982-83; SCIENTIST B, I.I.P., DEHRADUN, 1978-79; SCIENTIST C AND SCIENTIST EI, I.I.C.T., HYDERABAD, 1983-92; SCIENTIST EI, I.I.P. DEHRADUN SINCE JULY, 1992.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH IN HETEROGENEOUS CATALYSIS; R & D MANAGEMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A., CANADA, JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 50, TECH. REPORTS - 14, PATENTS FIELDS CURRENTLY - 1, PROCESSES DEVELOPED - 1, PROCESS UNDER UTILISATION - 1, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE : BASIC RESEARCH, 22, APPLIED RESEARCH - 15, R & D MANAGEMENT - 5.

3145

DR P SATYANARAYANA MURTHY; (B. APRIL 13, 1936),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - ANDHRA '54; M.SC. CHEMISTRY - B.H.U. '56; PH.D. CHEMISTRY - I.I.SC., BANGALORE '69.

SPECIALIZATIONS : ORGANIC SYNTHESIS; POLYMERIC ADDITIVES.

EXPERIENCE : DEMONSTRATOR, A.M.A.L. COLLEGE, ANAKAPALLE, ANDHRA, 1956-59; LECTURER, SARADA VILAS COLLEGE, MYSORE, 1959-61; RESEARCH STUDENT AND SR. RESEARCH ASSISTANT, I.I.SC., BANGALORE, 1961-69; LECTURER, SRI SATHYA SAI COLLEGE AND M.E.S. COLLEGE, BANGALORE, 1969-71; SR. RESEARCH ASSISTANT, I.I.SC., BANGALORE, 1971-72; SCIENTIST B AND SCIENTIST C, I.I.P., 1972-84; (ALSO TRAINING IN HOMOGENEOUS CATALYSIS, EAST GERMANY, 1985); SCIENTIST EI, I.I.P. SINCE MARCH, 1984.

PRESENT ACTIVITIES : SYNTHESIS OF ORGANIC INTERMIDIATES: FLOW IMPROVES TO MIDDLE DISTILLATES.

LANGUAGES : TELUGU, KANNADA, TAMIL, HINDI, ENGLISH.

VISITED : E. GERMANY

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 4, PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 19, TEACHING - 7.

3146

SHRI JAGMOHAN NAGPAL; (B. JULY 25, 1945),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '65; M.SC. CHEMISTRY - MEERUT '67.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; EVALUATION OF CRUDE OILS.

EXPERIENCE : SENIOR LECTURER, D.A.V. INTER COLLEGE, DEHRADUN, 1967-68; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, AND SCIENTIST C, I.I.P. 1968-87; SCIENTIST EI, I.I.P. SINCE MAY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 62, PROCESSED COMMERCIALISED - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF AROMATIC EXTRACTION PROCESS USING SULFONATE, 1987; FIICI AWARD, 1986; ICMA AWARD, 1985; FIRST EXCELLENCE IN TECHNOLOGY DEVELOPMENT, MINISTRY OF PETROLEUM, 1988; CSIR TECHNOLOGY AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 12, TESTING - 4, TEACHING - 1.

3147

DR S D PHATAK; (B. AUGUST 25, 1939),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - VIKRAM '59; M.SC. PHYSICS (SPECTROSCOPY) - VIKRAM '61; PH.D. PHYSICS - I.I.T., KANPUR '70; DIPLOMA IN ELECTRON MICROSCOPY AND MODERN SURFACE ANALYTICAL EQUIPMENTS - I.I.SC., BANGALORE '81.

SPECIALIZATIONS : ELECTRON MICROSCOPY; SURFACE ANALYSIS (SEM, TEM); CRYSTAL GROWTH; X-RAY (WDX, EDX) DIFFRACTION.

EXPERIENCE : LECTURER, IN PHYSICS, HOLKAR SCIENCE COLLEGE, INDORE, 1961-63; RESEARCH ASSOCIATE I.I.T., KANPUR, 1970-72; I.N.S.A. FELLOWSHIP AT I.I.T., KANPUR, 1972-73; SCIENTIST B AND SCIENTIST C, I.I.P., 1973-84; (ALSO TRAINING IN INDUSTRIAL LUBRICATION AND SOPHISTICATED MODERN SURFACE ANALYTICAL TECHNIQUES, U.K.); SCIENTIST EI, I.I.P. SINCE MARCH, 1984.

PRESENT ACTIVITIES : R & D IN SURFACE ANALYSIS AND CATALYST CHARACTERISATION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

VISITED : U.K., JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 14, DESIGN - 7, TECH. DEV. - 7, R & D MGMT. - 5, CONSTN. - 7, TEACHING - 12, COMPUTER PROCESSING - 3.

3148

SHRI J R RAI; (B. JANUARY 29, 1942),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '68.

SPECIALIZATIONS : PETROLEUM REFINING; CATALYTIC PROCESSING; PROCESS DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A., ENGINEER (B) AND ENGINEER (C), I.I.P., 1969-87; (ALSO TRAINING IN CATALYSIS, U.S.S.R., 1985); ENGINEER (EI), I.I.P., SINCE MAY, 1987.

PRESENT ACTIVITIES : R & D OF INDUSTRIAL PLANTS.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT - 16, TECH. REPORTS 40.

3149

SHRI DAYAL SINGH RAWAT; (B. AUGUST 4, 1939),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '58; M.SC. MATHEMATICS - MEERUT '71.

SPECIALIZATIONS : PROCESS DEVELOPMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P. 1964-86; SCIENTIST EI, I.I.P. SINCE SEPTEMBER, 1976.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 16, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : NRDC AWARD, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20.

3150

SHRI RABINDRA NATH ROY; (B. OCTOBER 7, 1942),

ENGINEER (EI); INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - CALCUTTA '62; B.E. ELECTRICAL - JADAVPUR '66; D.I.M. - I.G.N.O.U. '88.

SPECIALIZATIONS : REFRIGERATION; AIR CONDITIONING; ELECTRICAL ENGINEERING.

EXPERIENCE : APPRENTICE ENGINEER, M/S KARAM CHAND THAPPER & BROS. (P) LTD., CALCUTTA, 1966-67; COLLIERY ENGINEER, M/S NATIONAL COAL CO. (P) LTD., DHANBAD, 1967-68; JUNIOR ENGINEER, INSDOC, NEW DELHI, 1968-73; SCIENTIST B AND SCIENTIST C, I.I.P., 1973-84; ENGINEER (EI), I.I.P. SINCE JULY, 1984.

PRESENT ACTIVITIES : MAINTENANCE, PLANNING AND MANAGEMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS FILED - 6, PATENTS GRANTED - 3, TECHNICAL REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 19, PLANNING & MANAGEMENT -65.

3151

DR V R K SASTRY; (B. JULY 1, 1945),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.-ANDHRA '63; B.E. MECHANICAL-ANDHRA '66; M.E. MECHANICAL - OSMANIA '69; PH.D. - ROORKEE '89.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES; APPLICATION OF RADIOISOTOPES; TRIBOLOGY; EHD LUBRICATION; WEAR MECHANISMS AND FERROGRAPHY.

EXPERIENCE : S.R.F., SCIENTIST B AND ENGINEER (C), I.I.P., 1970-84; (ALSO HIGHER TRAINING IN TRIBOLOGY, U.K., 1976-77); ENGINEER (EI), I.I.P. SINCE APRIL, 1984.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 19.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 13.

3152

DR M P SAXENA; (B. NOVEMBER 28, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; M.SC. CHEMISTRY - ALIGARH '66; PH.D. CHEMISTRY - ALIGARH '72.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; ORGANOANALYTICAL CHEMISTRY; PETROLEUM CHEMISTRY; BIOMASS UTILISATION.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, I.I.P., 1970-83; (ALSO ADVANCED TRAINING UNDER DAAD, WEST GERMANY, 1977-78); SCIENTIST EI, I.I.P. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : RESEARCH ON "BIOMASS AS NONCONVENTIONAL SOURCE OF ENERGY".

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 10, PATENTS TAKEN - 3, PATENTS FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 13, TESTING - 1.

3153

DR MUKESH SAXENA; (B. MARCH 16, 1950),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - KURUKSHETRA '73; M.TECH. THERMAL ENGINEERING - I.I.T., DELHI '75; PH.D.

SPECIALIZATIONS : THERMAL ENGINEERING; INTERNAL COMBUSTION ENGINES.

EXPERIENCE : S.R.F., 1975-76; SCIENTIST B AND SCIENTIST C, I.I.P., 1976-87; (ALSO HIGHER TRAINING IN COMBUSTION AND EMISSON ASPECTS OF TWO STROKE ENGINES, U.S.A., 1979-80); ENGINEER (EI), I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., U.K., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORTS - 19. PATENTS FILED - 1.

AWARDS & DISTINCTIONS : BEST PAPER AWARD ON IC ENGINES EXHAUST EMMISSION CONTROL, 1976; PROF B H RAO MEMORIAL PRIZE FOR PAPER ON REDUCTION OF MIXTURE SHORT CIRCUITING IN 2-STROKE S I ENGINES. 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16.

3154

DR UMA SHANKER; (B. OCTOBER 21, 1942),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - ALLAHABAD '64: D.PHIL. CHEMISTRY - ALLAHABAD '68.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; PETROLEUM CHEMISTRY; CHEMICAL KINETICS; THERMODYNAMICS; HOMOGENEOUS AND HETEROGENEOUS CATALYSIS.

EXPERIENCE : RESEARCH FELLOW (CSIR), ALLAHABAD UNIVERSITY, 1965-68: SCIENTIST B AND SCIENTIST C, I.I.P., 1968-82; SCIENTIST EI. I.I.P. SINCE APRIL, 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, SANSKRIT. ENGLISH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - .19. TECH. REPORTS - 16. PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 20.

3155

SHRI RAVI KUMAR SHARMA; (B. AUGUST 30, 1937),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. - DELHI '56; A.M. AE. S.I. - AERONAUTICAL SOCIETY OF INDIA '76.

SPECIALIZATIONS : FUELS AND LUBRICANTS IN INTERNAL COMBUSTION ENGINES.

EXPERIENCE : LABORATORY ASSISTANT, N.P.L., 1957-60: SCIENTIFIC ASSISTANT, ATOMIC ENERGY ESTABLISHMENT, BOMBAY. 1960-62: J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND ENGINEER (C), I.I.P., 1963-82: ENGINEER (EI), I.I.P. SINCE OCTOBER. 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. REVIEW PAPERS - 4, RESEARCH WORK REPORTS - 10, TECH. REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23. TRAINING - 4.

3156

DR I D SINGH; (B. JANUARY 1, 1946),

SCIENTIST EI, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - GORAKHPUR '64; M.SC. PHYSICS - ALLAHABAD '66; PH.D. PHYSICS - GORAKHPUR '72

SPECIALIZATIONS : SPECTROSCOPY: ANALYTICAL CHEMISTRY: PETROLEUM CHEMISTRY: INSTRUMENTAL ANALYTICAL TECHNIQUES.

EXPERIENCE : LECTURER. D.A.V. POST GRADUATE COLLEGE. AZAMGARH, 1966-67; SCIENTIST B AND SCIENTIST C. I.I.P., 1972-84; SCIENTIST EI. I.I.P. SINCE FEBRUARY. 1984; (ALSO ADVANCED TRAINING IN CHROMATOGRAPHY AND ANALYTICAL TECHNIQUES, W.GERMANY, 1987).

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI. ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 79, TECH. REPORTS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23. APP. RES. - 19, TESTING - 19, TEACHING - 2.

3157

SHRI S C VISHNOI; (B. JULY 20, 1938),

SCIENTIST EI. INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '56; M.SC. PHYSICS - AGRA '58.

SPECIALIZATIONS : GAS CHROMATOGRAPHY: APPLICATION OF MODERN INSTRUMENTAL METHODS IN PETROLEUM AND ITS PRODUCTS.

EXPERIENCE : LECTURER. H.N.I. COLLEGE. DEHRA DUN. 1958-59: LECTURER. D.A.V.(POST GRADUATE) COLLEGE. DEHRA DUN. 1959-65; S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C. I.I.P., 1965-83: SCIENTIST EI. I.I.P. SINCE DECEMBER. 1983; (ALSO TRAINING IN GAS CHROMATOGRAPHIC TECHNIQUES. CZECHOSLOVAKIA. 1984).

PRESENT ACTIVITIES : R & D IN ANALYTICAL TECHNIQUES.

LANGUAGES : HINDI. ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 13. TECH. REPORTS - 42.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 14. TECH. DEV. - 14, TESTING - 14. QUALITY CONTROL - 14. TEACHING - 7.

3158

SHRI B M L WADEHRA; (B. AUGUST 4, 1937),

ENGINEER (EI), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '59; B.E. CHEMICAL ENGINEERING - AGRA '64.

SPECIALIZATIONS : STYRENE POLYMERIZATION AND COPOLYMERIZATION; REFORMING OF IOMEX USING CYCLIC REACTOR; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : SENIOR PRODUCTION CHEMIST, WEST INDIA CHEMICALS, POONA, 1964-65; S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, I.I.P., 1965-88; ENGINEER (EI), I.I.P. SINCE MAY, 1988.

PRESENT ACTIVITIES : RESEARCH IN HYDROCRACKING & CATALYST SCREENING BY COMPUTER CONTROLLED CDS MICROREACTOR.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS -10 , PROCESSES DEVELOPED - 3. AWARDS & DISTINCTIONS: IIP BEST WORKER AWARD.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, DESIGN - 3, TESTING - 5.

3159

SHRI DILIP K ADHIKARI; (B. APRIL 4, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. FOOD TECHNOLOGY & BIOCHEMICAL ENGINEERING - JADAVPUR '77; M.TECH. BIOCHEMICAL ENGINEERING - I.I.T., DELHI '81.

SPECIALIZATIONS : MICROBIAL TECHNOLOGY; FOOD TECHNOLOGY.

EXPERIENCE : SHIFT CHEMIST, HINDUSTAN BREAKFAST FOOD MFG. FACTORY, NEW DELHI, 1981-82; SCIENTIST B, I.I.P., 1982-87; SCIENTIST C, I.I.P. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D IN MICROBIAL TECHNOLOGY.

LANGUAGES : BENGALI, ENGLISH, HINDI, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. TECH. REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, PILOT PLANT - 2, PROCESS DEV. - 3, BASIC RESEARCH - 1, TEACHING - 1, QUALITY CONTROL - 2.

3160

SHRI K M AGRAWAL; (B. AUGUST 16, 1943),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; B.SC. CHEMICAL ENGINEERING - KANPUR '69.

SPECIALIZATIONS : CHEMICAL ENGINEERING; INDUSTRIAL COMBUSTION.

EXPERIENCE : SCIENCE TEACHER, S.C.L. NATIONAL INTER COLLEGE, KANDHLA, 1964-65; GOVERNMENT TRAINEE AND SHIFT INCHARGE, J.K. ROYON, KANPUR, 1969-77; S.S.A. AND SCIENTIST B, I.I.P., 1977-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN DOMESTIC & INDUSTRIAL COMBUSTION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, PRODUCTION - 8, TEACHING - 1, TRAINING - 1.

3161

SHRI UMESH CHANDRA AGRAWAL; (B. AUGUST 12, 1951),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., KANPUR '72; M.E. CHEMICAL ENGINEERING - ROORKEE '74.

SPECIALIZATIONS : SEPARATION PROCESSES; SIMULATION AND MATHEMATICAL MODELLING; DESIGN OF EXPERIMENTS; PROCESS DEVELOPMENT AND OPTIMIZATION; EQUIPMENT AND PLANT DESIGN.

EXPERIENCE : RESEARCH ASSISTANT AND S.R.F., ROORKEE UNIVERSITY, 1974-77; ENGINEER (B), I.I.P., 1977-82; ENGINEER (C), I.I.P. SINCE JUNE, 1982.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; PROCESS SIMULATION; PILOT PLANT SCALE-UP & PROCESS DESIGN.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 21, ARTICLES - 1, PAPERS PRESENTED IN CONFERENCE - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 12, DESIGN - 4, PILOT PLANT - 8, COMPUTER PROCESSING - 3.

3162

SHRI ANEELKUMAR KESHAV AIGAL; (B. MAY 30, 1952),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - KARNATAK '74.

SPECIALIZATIONS : TESTING OF I C ENGINES; FUEL INJECTION; ATOMIZATION IN DIESEL ENGINES; PRODUCTION ENGINEERING.

EXPERIENCE : JUNIOR MECHANICAL ENGINEER AND DEVELOPMENT OFFICER, K.V.I.C., BOMBAY, 1975-80; ENGINEER (B), I.I.P., 1980-85; ENGINEER (C), I.I.P. SINCE SEPTEMBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : KONKANI, KANNADA, MARATHI, HINDI, ENGLISH.

VISITED : BHUTAN, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, DESIGN - 1, TESTING - 1.

3163

SHRI R P BADONI; (B. APRIL 17, 1945),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '68; M.SC. CHEMISTRY - MEERUT '70.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS; TESTING OF PETROLEUM PRODUCTS; COAL HYDROGENATION AND FLUID CAT CRACKING (F C C).

EXPERIENCE : J.L.A., S.L.A. AND J.S.A., I.I.P., 1970-73; S.S.A., R.R.L., JORHAT, 1973-77; EXECUTIVE GR.I, BHARAT ALUMINIUM COMPANY LTD., KORBA, 1977-78; SCIENTIST B, C.F.R.I., DHANBAD, 1978-81; SCIENTIST B, I.I.P., 1981-84; SCIENTIST C, I.I.P. SINCE MARCH, 1984.

PRESENT ACTIVITIES : R & D IN AREAS OF FLUID CAT CRACKING.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, REVIEWS - 2, TECH. REPORTS - 14, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 4, TESTING - 7, QUALITY CONTROL - 1.

3164

SHRI R K BANERJEE; (B. JUNE 5, 1935),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : I.SC.- CALCUTTA '55.

SPECIALIZATIONS : FABRICATION; WELDING; PILOT PLANT FABRICATION; ERECTION AND COMMISSIONING; MECHANICAL REPAIR AND MAINTENANCE; HIGH PRESSURE AND HIGH TEMPERATURE VESSELS FABRICATION.

EXPERIENCE : APPRENTICE AND TECHNICAL ASSISTANT, M/S N.I. INDUSTRIES, CALCUTTA, 1958-60; SENIOR FOREMAN, TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), I.I.P. 1968-85; TECHNICAL OFFICER (C), I.I.P. SINCE JUNE, 1985.

PRESENT ACTIVITIES : ENGINEERING SERVICES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 28, MAINTENANCE - 20, PRODUCTION - 20, WATER SUPPLY AND WATER TREATMENT - 10.

3165

SHRI S K BANSAL; (B. MARCH 27, 1935),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. MATHEMATICS - AGRA '55.

SPECIALIZATIONS : TECHNICAL WRITING AND EDITING; PROJECT PLANNING; MONITORING AND EVALUATION.

EXPERIENCE : COMPILER AND STATISTICAL ASSISTANT, ECONOMICS AND STATISTICS DEPTT., LUCKNOW, 1956-65; J.T.A., D.S.T.P., CSIR, DELHI, 1965-67; S.T.A., SCIENTIST A AND INFORMATION OFFICER (B) I.I.P., 1967-83; TECHNICAL OFFICER (C), I.I.P. SINCE JANUARY, 1983.

PRESENT ACTIVITIES : TECHNICAL WRITING AND EDITING; PROJECT BUDGETING & ACCOUNTING; PUBLICITY & PUBLIC RELATIONS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROJECT PLANNING - 20, TECHNICAL WRITING & EDITING - 24.

3166

SHRI PREM NATH BHASKAR; (B. FEBRUARY 29, 1948),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. (HONS.) PHYSICS - PANJAB '69; DIPLOMA RADIOLOGICAL PHYSICS-B.A.R.C., BOMBAY '70.

SPECIALIZATIONS : OPERATION AND REPAIR OF ELECTRONIC INSTRUMENTS; DIGITAL AND ANALOG ELECTRONIC CIRCUITS.

EXPERIENCE : HOSPITAL PHYSICIST, G.C.R.I., AHMEDABAD, 1970-73; S.T.A., C.D.R.I. LUCKNOW 1973-80; TECHNICAL OFFICER (B), I.I.P., 1980-85; TECHNICAL OFFICER (C), I.I.P. SINCE SEPTEMBER, 1985.

PRESENT ACTIVITIES : MAINTENANCE & REPAIR OF ANALYTICAL & RESEARCH INSTRUMENTS; DESIGN OF DIGITAL AND ANALOG CIRCUITS.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : U.K.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 2, OPERATION - 3, MAINTENANCE - 14.

3167

DR A K BHATNAGAR; (B. JANUARY 14, 1949),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MEERUT '67; M.SC. ORGANIC CHEMISTRY - MEERUT '69; PH.D. CHEMISTRY - MEERUT '76.

SPECIALIZATIONS : ORGANIC SYNTHESIS; FUEL AND LUBE ADDITIVES.

EXPERIENCE : LECTURER, D.A.V. COLLEGE, MUZAFFARNAGAR, 1969-70; J.R.F., S.S.A. AND SCIENTIST B, I.I.P., 1970-83; SIENTIST C, I.I.P. SINCE FEBRUARY, 1983; (ALSO TRAINING IN HOMOGENEOUS CATALYSIS, E.GERMANY, 1984).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : E. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 14, PATENTS FILED - 3, PROCESSES DEVELOPED - 3.

AWARDS & DISTINCTIONS : IIP BEST WORKER AWARD 1978.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20.

3168

DR R P S BISHT; (B. APRIL 4, 1946),

SCIENTIST C. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. - MEERUT '69; M.SC. CHEMISTRY - GARHWAL '76; PH.D. CHEMISTRY - GARHWAL '89.

SPECIALIZATIONS : PETROLEUM ADDITIVES AND PRODUCTS FOR INDUSTRIAL USE.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.S.A., SCIENTIST A AND SCIENTIST B. I.I.P., 1967-88; SCIENTIST C, I.I.P. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 30, PROCESSES DEVELOPED - 5, PATENTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 19, PILOT PLANT - 7, OPERATION - 5. TESTING - 10. QUALITY CONTROL - 7, TEACHING - 1.

3169

SHRI H C CHANDOLA; (B. OCTOBER 27, 1949),

SCIENTIST C. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - MEERUT '70.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1974-87; SCIENTIST C, I.I.P. SINCE OCTOBER, 1987.

PRESENT ACTIVITIES : CHARACTERISATION OF PETROLEUM FRACTIONS AND PETROCHEMICAL PRODUCTS BY MASS SPECTROMETRY.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PEPARS - 9, TECH. REPORTS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17, TESTING - 8, ANALYSIS - 9.

3170

DR A K CHATTERJEE; (B. FEBRUARY 21, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - UTKAL '73; M.SC. CHEMISTRY - KALYANI '75; PH.D. POLYMER CHEMISTRY - KALYANI '82.

SPECIALIZATIONS : POLYMER CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND P.D.F., KALYANI UNIVERSITY. 1977-82; (ALSO POST-GRADUATE FELLOW IN MACROMOLECULAR CHEMISTRY, CZECHOSLOVAKIA, 1980-81); SCIENTIST B, I.I.P., 1982-87: SCIENTIST C. I.I.P. SINCE DECEMBER. 1987.

PRESENT ACTIVITIES : R & D IN SYNTHESIS OF POLYMERIC ADDITIVES FOR PETROLEUM PRODUCTS.

LANGUAGES : BENGALI. HINDI. ENGLISH, CZECH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 8. PATENTS TAKEN - 1, TECHNICAL REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6. APP. RES. - 7.

3171

SHRI VED PRAKASH CHAWALA; (B. AUGUST 22, 1947),

ENGINEER (C). INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MEERUT '67; B.E. METALLURGY - I.I.SC., BANGALORE '70; M.TECH. METALLURGICAL ENGINEERING - I.I.T., KANPUR '78.

SPECIALIZATIONS : EXTRACTIVE METALLURGY; INDUSTRIAL METALLURGY; MECHANISM OF LUBRICATED WEAR WITH ANTIWEAR ADDITIVES.

EXPERIENCE : RESEARCH FELLOW, IMPERIAL COLLEGE. LONDON, U.K., 1970-73; RESEARCH FELLOW, I.I.T., KANPUR. 1974-76: METALLURGIST ESCORTS, FARIDABAD, 1976; ENGINEER (B). I.I.P., 1976-81; ENGINEER (C), I.I.P. SINCE JULY, 1981.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY.

LANGUAGES : HINDI. ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15.

3172

SHRI SUMESH KUMAR CHHIBBER; (B. JUNE 22, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - J & K '63; A.I.C. - INSTITUTON OF CHEMISTS, INDIA '76; M.SC. CHEMISTRY - GARHWAL '80.

SPECIALIZATIONS : ANALYSIS OF PETROLEUM PRODUCTS.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1963-85; SCIENTIST C, I.I.P. SINCE OCTOBER, 1985.

PRESENT ACTIVITIES : R & D IN PETROLEUM PRODUCTS.

LANGUAGES : PUNJABI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. TECH. REPORTS - 21, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, PILOT PLANT - 1, TESTING - 16. QUALITY CONTROL - 11, TEACHING - 1.

3173

MISS S K CHOPRA; (B. JUNE 17, 1944),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64.

SPECIALIZATIONS : GAS CHROMATOGRAPHY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A AND TECHNICAL OFFICER (B), I.I.P. 1964-87; TECHNICAL OFFICER (C), I.I.P. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 36.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, QUALITY CONTROL - 23, MAINTENANCE - 23.

3174

SHRI RAMESHWAR PRASAD DABRAL; (B. SEPTEMBER 15, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; A.M.I.I.CH.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '70; M.SC. PHYSICAL CHEMISTRY - GARHWAL '78.

SPECIALIZATIONS : HYDROCARBON CONVERSION PROCESSES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D WORK IN THE AREA OF HYDROPROCESSING.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.S.R.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

3175

SHRI SUDHAKAR DAS; (B. NOVEMBER 13, 1955),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - RANCHI '80; M.E. MECHANICAL ENGINEERING '90.

SPECIALIZATIONS : THERMAL ENGINEERING.

EXPERIENCE : ENGINEER (B), I.I.P., 1981-86; ENGINEER (C), I.I.P. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : RESEARCH IN I.C. ENGINES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : CANADA.

PUBLICATIONS & PATENTS : TECH. REPORTS - 21, TECH. PAPERS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

3176

DR LALJI DIXIT; (B. JULY 1, 1947),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - GORAKHPUR '67; M.SC. PHYSICS-GORAKHPUR '69; PH.D. PHYSICS - GORAKHPUR '75.

SPECIALIZATIONS : MOLECULAR SPECTROSCOPY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : S.S.A. AND SCIENTIST B, I.I.P., 1974-82; SCIENTIST C, I.I.P. SINCE AUGUST, 1982.

PRESENT ACTIVITIES : R & D IN MOLECULAR SPECTROSCOPY; ANALYSIS OF PETROLEUM AND ITS PRODUCTS BY SPECTROSCOPIC METHODS.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 5, ARTICLES - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 13, TESTING - 9, COMPUTER PROCESSING - 7

3177

SHRI K N DOBHAL; (B. MAY 6, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. MATHEMATICS - AGRA '66; A.M.I.I.CH.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERING, CALCUTTA '86.

SPECIALIZATIONS : APPLIED COMBUSTION AND TESTING; CHEMICAL ENGG; MATHEMATICS.

EXPERIENCE : SCIENCE & MATHEMATICS TEACHER, S.G.R.R.I.COLLEGE, DEHRA DUN, 1961-64; J.L.A., S.L.A., J.S.A., S.S.A./ S.T.A., TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), I.I.P., 1964-87; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN DOMESTIC & INDUSTRIAL COMBUSTION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 6, TECH.REPORTS - 24, PATENTS TAKEN - 3, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEVELOPMENT OF A LOW AIR PRESSURE BURNER FOR FUEL OIL, 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES.- 20, TESTING - 5, TEACHING - 4.

3178

SHRI P V DOGRA; (B. NOVEMBER 28, 1947),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - J & K. '65; POST GRADUATE DIPLOMA IN ANALYTICAL CHEMISTRY - CHARLES UNIVERSITY, CZECHOSLOVAKIA '70; M.SC. CHEMISTRY - GARHWAL '79.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY.

EXPERIENCE : S.L.A., I.I.P., 1966-69; S.S.A., E.M.E. CENTRE, BHOPAL, 1970-71; SCIENTIFIC ASSISTANT, I.I.T., NEW DELHI, 1971; S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1971-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : CZECHOSLOVAKIA, FRANCE, W. GERMANY, U.K., SWITZERLAND, HOLLAND, BELGIUM, E. GERMANY, ITALY, U.S.A., JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, TECHNICAL DEV. - 20, TESTING - 20.

3179

SHRI SILAS FRANKLIN FISH; (B. DECEMBER 10, 1943),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '70.

SPECIALIZATIONS : PRODUCT DEVELOPMENT; FUEL AND GAS ANALYSIS; WATER AND SEWAGE ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENTS TAKEN - 2, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : RES. - 18, QUALITY CONTROL - 8.

3180

SHRI A V GOMKALE; (B. FEBRUARY 10, 1957),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.TECH. (CHEM. ENGG.)

SPECIALISATIONS : TEFS AND MARKET SURVEYS; CHEMICAL ENGINEERING.

EXPERIENCE : SENIOR RESEARCH FELLOW. CSMCRI, BHAVNAGAR, 1981-82; ENGINEER (B), & ENGINEER (C), I.I.P., PROJECT DIVISION, 1982-88; ENGINEER (C), HRDG, 1988-90; ENGINEER (C), I.I.P., PROJECT GROUP, NEW DELHI SINCE FEB. 1990.

PRESENT ACTIVITIES : TEFS & MARKET SURVEY; PROCESS DESIGN.

LANGUAGES : ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEFS, MARKET SURVEY & PROCESS DESIGN - 10.

3181

SHRI ASHISH KUMAR GONDAL; (B. OCTOBER 1, 1959),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - BHOPAL '81.

SPECIALIZATIONS : ENGINE TRIBOLOGY.

EXPERIENCE : ENGINEER (B), I.I.P., 1981-86; ENGINEER (C), I.I.P. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI. ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 7.

3182

DR A N GOSWAMI; (B. MAY 1, 1950),

SCIENTIST C. INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - GAUHATI '69; M.SC. CHEMISTRY - DELHI '71; PH.D. CHEMISTRY - GARHWAL '85.

SPECIALIZATIONS : MEMBRANE SEPARATIONS; PHASE EQUILIBRIA; LIQUID EXTRACTOR MODELLING.

EXPERIENCE : CHEMIST, ASSAM CARBON, GAUHATI, 1972-73; J.S.A., S.S.A. AND SCIENTIST B, I.I.P., 1973-86; SCIENTIST C. I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH ON MEMBRANE SEPARATION PROCESS & LIQUID EXTRACTOR MODELLING.

LANGUAGES : ASSAMESE, HINDI, ENGLISH.

VISITED : W. GERMANY, FRANCE.

PUBLICATIONS & PATENTS : RES.PAPERS - 18, TECH.REPORTS - 2, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2, PATENTS - 2.

AWARDS & DISTINCTIONS : BEST TECHNICAL PAPER AWARD, IICHE, 1984; 2ND BEST INVENTION CATEGORY PRIZE. ALL INDIA INDUSTRIAL EXHIBITION HYDERABAD. 1986; NRDC AWARD FOR DEVELOPMENT OF SOLVENT EXTRACTION PROCESS FOR PRODUCTION OF AROMATICS, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 18.

3183

DR HARI BHAGWAN GOYAL; (B. FEBRUARY 8, 1949),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL ENGINEERING - KANPUR '69; M.SC. (ENGG.) CHEMICAL ENGINEERING - KANPUR '71; PH.D. CHEMICAL ENGINEERING - I.I.T., KANPUR '76.

SPECIALIZATIONS : PLANT AND EQUIPMENT DESIGN; CHEMICAL REACTOR ANALYSIS; KINETICS AND MECHANISM; PILOT PLANT SCALE-UP; COMPUTER APPLICATIONS.

EXPERIENCE : S.R.A. AND RESEARCH ASSOCIATE, I.I.T., KANPUR, 1973-77; ENGINEER (B), I.I.P., 1977-82; ENGINEER (C), I.I.P. SINCE APRIL, 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 26, COMMERCIALISATION OF PROCESS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 15, DESIGN - 8, TECHNICAL DEV. - 8, PILOT PLANT - 3, TESTING - 6, COMPUTER PROCESSING - 4.

3184

DR S K GOYAL; (B. JULY 23, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- AGRA '65; M.SC. PHYSICAL CHEMISTRY - AGRA '67; PH.D. PHYSICAL CHEMISTRY - ALLAHABAD '70.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CATALYST CHARACTERISATION; THERMAL ANALYSIS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1973-83; SCIENTST C, I.I.P. SINCE MARCH, 1983; (ALSO HIGHER TRAINING IN CATALYSIS, U.S.S.R., 1986).

PRESENT ACTIVITIES : THERMAL ANALYSIS OF FUELS, LUBRICANTS & CATALYSTS AND ALTERNATIVE FUELS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH.REPORTS - 14, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 3, APP.RES.- 16, TEACHING - 2.

3185

SHRI N R GUPTA; (B. JANUARY 27, 1942),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ROORKEE '65.

EXPERIENCE : J.T.A., S.T.A., TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), I.I.P., 1966-89; TECHNICAL OFFICER (C), I.I.P. SINCE JULY, 1989.

PRESENT ACTIVITIES : MATERIALS PLANNING AND COMPILATION OF DIVISIONAL PROGRESS REPORTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 9, PLANNING - 7.

3186

SHRI OM PRAKASH GUPTA; (B. JANUARY 1, 1940),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. CHEMISTRY - AGRA '65.

SPECIALIZATIONS : PETROCHEMICALS AND INTERMEDIATES; INSTRUMENTAL ANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-85; SCIENTIST C, I.I.P. SINCE DECEMBER, 1985.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 10, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTICNS PROMOTION BOARD AWARD FOR THE PROCESS ON REFORMING OF IOMEX, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING - 2.

3187

DR R B GUPTA; (B. FEBRUARY 27, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS M.SC. PHYSICS - ALLAHABAD '66; D.PHIL. - GARHWAL.

SPECIALIZATIONS : SPECTROSCOPY; INSTRUMENTAL ANALYSIS.

EXPERIENCE : RESEARCH ASSISTANT, F.R.I., DEHRA DUN, 1966-73; S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1973-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN PETROLEUM PRODUCTS, TESTING & ANALYSIS (MASS SPECTOMETRY & ATOMIC EMMISION)

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, TESTING & ANALYSIS - 24.

3188

SHRI UMESH CHANDRA GUPTA; (B. JULY 23, 1950),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '69; M.SC. ORGANIC CHEMISTRY - MEERUT '72.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PETROLEUM REFINING TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1974-87; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN THERMAL AND CATALYTIC CONVERSION PROCESSES.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. PAPER - 2, TECH. REPORTS - 18, PATENTS - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 8, TECH. DEV.- 2, PILOT PLANT - 3, TESTING - 1.

3189

SHRI AMAR KUMAR JAIN; (B. AUGUST 1, 1960),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - ROORKEE '81.

SPECIALIZATIONS : MECHANICAL ENGINEERING; INTERNAL COMBUSTION ENGINES.

EXPERIENCE : ENGINEER (B), I.I.P., 1981-86; (ALSO HIGHER TRAINING UNDER UNDP, U.S.A. AND CANADA, 1984); ENGINEER (C), I.I.P. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 9

3190

SHRI PRAMOD KUMAR JAIN; (B. JULY 5, 1939),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. AGRA - '59; M.SC. PHYSICAL CHEMISTRY - AGRA '61; B.E.(HONS) MECH. ENGG. - BOMBAY '65; M.S. MECH. ENGG. - U.S.A. '71.

SPECIALISATIONS : MECHANICAL ENGINEERING; INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER.

EXPERIENCE : POOL OFFICER AND RES. FELLOW ASSOC., F.R.I. DEHRADUN, 1974-86; SCIENTIST C, C.S.I.R. COMPLEX, PALAMPUR, 1987-88; SCIENTIST C, C.B.R.I., ROORKEE, 1988-90; SCIENTIST C. I.I.P. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER AND INDUSTRIAL LIASON.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., CANADA, W. GERMANY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, MONOGRAPH - 1.

AWARDS & DISTINCTIONS : BEST SCIENTIST FOR TECHNOLOGICAL SERVICES, IIP, 1992; FELLOW, INSTITUTIONS OF ENGINEERS (INDIA).

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 16, TECH. TRANSFER - 3.

3191

DR SURESH CHANDRA JOSHI; (B. SEPTEMBER 23, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '61; M.SC. CHEMISTRY - AGRA '64; PH.D. CHEMISTRY - B.H.U. '81.

SPECIALIZATIONS : ORGANIC SYNTHETIC CHEMISTRY; FUEL AND OIL ADDITIVES.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. I.I.P., 1965-84; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 19, PROCESSES DEVELOPED - 3, PATENTS FILED - 3, PROCESS UNDER UTILISATION - 3. AWARDS & DISTINCTIONS: IIP BEST WORKER AWARD.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 21.

3192

SHRI V B KAPOOR; (B. OCTOBER 6, 1942),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. MATHEMATICS - AGRA '65; M.SC. CHEMISTRY - MEERUT '75.

SPECIALIZATIONS : CHROMATOGRAPHY; PHYSICAL CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1967-87; (ALSO TRAINING IN CHROMATOGRAPHY, CZECHOSLOVAKIA, 1985); SCIENTIST C, I.I.P. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D; INSTRUMENTAL ANALYSIS.

LANGUAGES : HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 37, PATENTS TAKEN - 1.

AWARDS & DISTINCTIONS : IST PRIZE IN A WRITTEN CONTEST IN A SEMINAR "PETRO 84" BY "HEWLETT PACKARD".

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 21, APP. RES. - 21, TECHNICAL DEV. - 21, OPERATION - 21, TESTING - 21, QUALITY CONTROL - 21, MAINTENANCE - 21.

3193

DR H U KHAN; (B. MARCH 1, 1949),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MEERUT '68; M.SC. MATHEMATICS - MEERUT '70; M.SC. CHEMISTRY - GARHWAL '74; PH.D. CHEMISTRY - GARHWAL '88.

SPECIALIZATIONS : SYNTHESIS AND CHARACTERIZATION OF HIGH POLYMERS; CHEMISTRY AND GEOLOGY OF PETROLEUM PRODUCTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, I.I.P., 1969-86; SCIENTIST C, I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : LOW TEMPERATURE - LOW TEMPERATURE FLOW BEHAVIOUR OF WAXY CRUDE AND PRODUCTS.

LANGUAGES : HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, TECH. REPORTS - 6, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21.

3194

SHRI C M KHANNA; (B. DECEMBER 12, 1935),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN COLOUR PHOTOGRAPHY - AGFA - GEVAERT, BOMBAY '72.

SPECIALIZATIONS : PRESS PHOTOGRAPHY; COMMERICAL PHOTOGRAPHY; SCIENTIFIC PHOTOGRAPHY; INDUSTRIAL PHOTOGRAPHY.

EXPERIENCE : PHOTOGRAPHER, PUNJAB PHOTO SERVICE, DELHI, 1950-51; PHOTOGRAPHER, S.L. VOHRA AND SONS, DELHI, 1951-54; PHOTOGRAPHER, GOPALA CHITRA KUTEER, DELHI, 1954-57; PHOTOGRAPHER, A.I.I.M.S., NEW DELHI, 1957-63; S.T.A., J.T.O. AND SCIENTIST B, I.I.P., 1963-77; TECHNICAL OFFICER (C), I.I.P. SINCE DECEMBER, 1977.

PRESENT ACTIVITIES : SCIENTIFIC AND INDUSTRIAL PHOTOGRAPHY.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

AWARDS & DISTINCTIONS : IIP BEST WORKER PRIZE, 1972-73.

PROFESSIONAL EXPERIENCE(IN YEARS) : PHOTOGRAPHY - 40.

3195

DR M K KHANNA; (B. DECEMBER 23, 1944),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '66; M.SC. CHEMISTRY - MEERUT '69; PH.D. - GARHWAL '88.

SPECIALIZATIONS : PROCESS DESIGN; LIQUID-LIQUID EQUILIBRIUM; PETROLEUM REFINING.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1969-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 17, PATENTS TAKEN - 3, PATENTS FILED - 3 PROCESSES DEVELOPED - 2, COMMERCIALIZATION OF PROCESSES - 2.

AWARDS & DISTINCTIONS : ICMA AWARD, 1985; NRDC AWARD, 1987; FICCI AWARD, 1986; FIRST EXCELLENCE IN TECHNOLOGY DEVELOPMENT, MINISTRY OF INDUSTRY, 1988; CSIR TECHNOLOGY AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 14.

3196

SHRI KAUSHAL KISHORE; (B. JULY 1, 1943),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - ALLAHABAD '63; M.SC. CHEMISTRY - GARHWAL '76.

SPECIALIZATIONS : EVALUATION AND PROCESSING OF LUBRICATING OILS; SOLVENT DEWAXING.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1965-83; SCIENTIST C, I.I.P. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : - 26.

3197

SHRI S KRISHNA; (B. NOVEMBER 10, 1943),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - LUCKNOW '64; B.E. CHEMICAL ENGINEERING - B.H.U.'69.

SPECIALIZATIONS : PETROLEUM TECHNOLOGY.

EXPERIENCE : J.R.F., J.S.A., S.S.A. AND SCIENTIST B, I.I.P., 1971-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN VAPOUR - LIQUID EQUILIBRIA.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 6, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD, 1987; CSIR TECHNOLOGY AWARD, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS): BASIC RES. - 13, APP. RES. - 5.

3198

SHRI N N KULSRESTHA; (B. FEBRUARY 22, 1940),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : A.M.I.I., CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '72; M.SC. PHYSICAL CHEMISTRY - GARHWAL '82.

SPECIALIZATIONS : LOW TEMPERATURE EXTRACTIVE CRYSTALLIZATION PROCESSES; HEAT EXCHANGER DESIGN.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-86; SCIENTIST C, I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 29, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21, PILOT PLANT - 3.

3199

SHRI BASANT KUMAR; (B. JANUARY 31, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - MEERUT '72; UNESCO POST GRADUATE COURSE IN ANALYTICAL CHEMISTRY - CHARLES UNIVERSITY, CZECHOSLOVAKIA '78.

SPECIALIZATIONS : GAS CHROMOTOGRAPHY AND MASS SPECTROMETRY; ANALYSIS OF PETROLEUM AND ITS PRODUCTS; ENVIRONMENTAL ANALYSIS.

EXPERIENCE : ASSISTANT, DAURALA CHEMICAL WORKS, DAURALA, MEERUT, 1972-73; J.S.A., S.S.A. AND SCIENTIST B, I.I.P., 1973-86; SCIENTIST C, I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA, W. GERMANY, E. GERMANY, POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH REPORTS - 18, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, ANALYSIS - 18.

3200

SHRI DINESH KUMAR; (B. AUGUST 10, 1954),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - ROORKEE '76; M.E. - ROORKEE '87.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES.

EXPERIENCE : ADVANCED TRAINING IN UTILISATION OF FUELS & LUBRICANTS IN I.C. ENGINES AND INDUSTRIAL MACHINERIES AND ENGINEER (B), I.I.P., 1977-83; ENGINEER (C), I.I.P. SINCE MAY, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 25, PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

3201

SHRI KRISHAN KUMAR; (B. APRIL 2, 1946),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '65; M.SC. CHEMISTRY - AGRA '68.

SPECIALIZATIONS : HIGH POLYMER CHEMISTRY; ORGANIC CHEMISTRY.

EXPERIENCE : LECTURER, D.B.S. P.G. COLLEGE, DEHRADUN, 1968-69; CHEMIST, CAMPHOR & ALLIED PRODUCTS LTD., BAREILLY, 1969-70; S.S.A., AND SCIENTIST B, I.I.P., 1970-80; (ALSO HIGHER TRAINING IN MACROMOLECULAR CHEMISTRY, UNDER U.N.E.S.C.O. PROGRAMME, CHARLES UNIVERSITY, CZECHOSLOVAKIA, 1978-79); SCIENTIST C, I.I.P. SINCE OCTOBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH, FRENCH, CZECH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 9, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC & APP. RES.- 21.

3202

DR(MS) ASHA MASOHAN; (B. JULY 23, 1950),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - POONA '70; M.SC. ORGANIC CHEMISTRY - JAMMU '73; PH.D. ORGANIC CHEMISTRY - GARHWAL '80.

SPECIALIZATIONS : CHEMISTRY OF HETEROATOMIC CONSTITUENTS OF PETROLEUM; RENEWABLE SOURCES OF FUEL AND RUBBER; ISOPRENE OLIGOMERISATION.

EXPERIENCE : TEACHER, ST. MARY'S HIGHER SECONDARY SCHOOL, DEHRA DUN, 1974-76; J.R.F., S.R.F., P.D.F., RESEARCH ASSOCIATE AND SCIENTIST B, I.I.P., 1976-87; SCIENTIST C, I.I.P. SINCE NOVEMBER, 1987; (ALSO ATTENTED A UNESCO SPONSORED COURSE IN ANALYTICAL CHEMISTRY AND A RESEARCH PROJECT IN SYNTHETIC CHEMISTRY, CHARLES UNIVERSITY & J. HEYROLSKY INSTITUTE OF PHYSICAL AND ELECTROCHEMICAL INSTITUTE, CZECHOSLOVAKIA, 1985-86).

PRESENT ACTIVITIES : R & D IN AROMATIC EXTRACTION.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 14, TEACHING - 2.

3203

SHRI H S MATHUR; (B. DECEMBER 10, 1936)),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRADUN.

QUALIFICATIONS : B.SC. - AGRA '56; M.SC. CHEMISTRY - GARHWAL '84.

SPECIALIZATIONS : PRODUCT DEVELOPMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-87; SCIENTIST C, I.I.P. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 25, PROCESSES DEVELOPED - 4, PATENTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 24, PILOT PLANT - 4, TESTING - 24.

3204

SHRI SOM NATH; (B. NOVEMBER 22, 1940),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : A.I.C. CHEMISTRY - INSTITUTION OF CHEMISTS, INDIA '66; M.SC. CHEMISTRY - GARHWAL '79.

SPECIALIZATIONS : EVALUATION OF PETROLEUM AND ITS PRODUCTS; SYNTHESIS AND EVALUATION OF METAL PHTHALOCYANINE SWEETENING CATALYSTS; PRODUCTION OF PAVING GRADE BITUMEN; SYNTHESIS OF ALKYL BENZENES; ALKYL NAPHTHALENES AND ALKYL TETRALINES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1963-83; SCIENTIST C, I.I.P. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 6, PATENTS TAKEN - 2, PUBLICATIONS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 19.

3205

DR MAHENDRA PAL; (B. APRIL 2, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - KURUKSHETRA '74; M.TECH. CHEMISTRY - I.I.T., DELHI '76; Ph.D. CHEMISTRY - DELHI '80.

SPECIALIZATIONS : INORGANIC CHEMISTRY; PETROLEUM PRODUCTS; COORDINATION CHEMISTRY; METAL WORKING LUBRICATION.

EXPERIENCE : S.R.F. AND LECTURER. DELHI UNIVERSITY, 1977-81; SCIENTIST B, I.I.P., 1981-86; SCIENTIST C, I.I.P. SINCE MARCH. 1986.

PRESENT ACTIVITIES : R & D ON ROLLING OF STEEL LUBRICATION.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 10 , QUALITY CONTROL - 1, TEACHING - 2.

3206

SHRI N K PANDEY; (B. OCTOBER 5, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '70; M.SC. CHEMISTRY - MEERUT '72.

SPECIALIZATIONS : ORGANIC CHEMISTRY; PETROLEUM PRODUCTS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1973-87; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN PETROLEUM PRODUCTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 19, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 17.

3207

SHRI STANLEY PORTION; (B. JANUARY 6, 1945),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '63.

SPECIALIZATIONS : GLASS BLOWING. (SCIENTIFIC)

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.T.A., CHIEF GLASS BLOWER, TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), I.I.P., 1963-85; TECHNICAL OFFICER (C), I.I.P. SINCE JUNE, 1985.

PRESENT ACTIVITIES : SUPERVISION OF GLASS BLOWING.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : SCIENTIFIC GLASS BLOWING - 27.

3208

SHRI RAMESHWAR PRASAD; (B. JULY 1, 1948),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ROORKEE '72: M.E. CHEMICAL ENGINEERING - ROORKEE '75.

SPECIALIZATIONS : MATHEMATICAL MODELLING & PROCESS DEVELOPMENT & DESIGN OF HYDROCARBON CONVERSION PROCESSES.

EXPERIENCE : ENGINEER (B). I.I.P., 1977-82; ENGINEER (C), I.I.P. SINCE OCTOBER, 1982.

PRESENT ACTIVITIES : R & D IN HYDROCARBON CONVERSION PROCESSING.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 13, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : 13.

3209

DR R C PUROHIT; (B. JULY 28, 1945),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- AGRA '65; M.SC. PHYSICAL CHEMISTRY - AGRA '68; PH.D.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; STUDY OF WAXES; CRUDES AND PRODUCTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1968-86; SCIENTIST C. I.I.P. SINCE APRIL, 1986.

PRESENT ACTIVITIES : STUDY OF WAXES, CRUDES AND PRODUCTS.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 57.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 3, TESTING - 4, QUALITY CONTROL - 8.

3210

SHRI MANGE RAM; (B. JULY 30, 1951),

SCIENTIST C. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - ROORKEE '76; M.E. MECHANICAL - ROORKEE '78.

SPECIALIZATIONS : TRIBOLOGY; ELASTOHYDRODYNAMIC LUBRICATION.

EXPERIENCE : ENGINEER (B), I.I.P., 1978-84; SCIENTIST C, I.I.P. SINCE DECEMBER. 1984.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY.

LANGUAGES . HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5. TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 12, APP. RES. - 12.

3211

SHRI NIRMALYA RAY; (B. MARCH 13, 1941),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC(HONS) - CALCUTTA '62; P.G. DIPLOMA IN PETROLEUM ENGINEERING - I.P.G., ROMANIA '75.

SPECIALIZATIONS : PETROLEUM REFINING; CATALYST DEVELOPMENT.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, I.I.P., 1963-77; SCIENTIST C, I.I.P. SINCE JULY, 1977.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 16, ARTICLES - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12.

3212

DR BIR SAIN; (B. JANUARY 4, 1950),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. CHEMISTRY - MEERUT '70; M.SC. ORGANIC CHEMISTRY - MEERUT ' 73; PH.D. SYNTHETIC ORGANIC CHEMISTRY - DUBRUGARH '84.

SPECIALISATIONS : SYNTHETIC ORGANIC CHEMISTRY; FUEL CHEMISTRY.

EXPERIENCE : SHIFT INCHARGE, KCI, 1974-75; S.S.A. AND SCIENTIST B, R.R.L. JOHRAT, 1975-92; SCIENTIST C, I.I.P. DEHRADUN, AUGUST 1992.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, TECH. REPORTS - 4, PAPERS PRESENTED . - 4, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 5.

PROFESSIONAL EXPERIENCE : BASIC RESEARCH - 18, APPLIED RESEARCH - 18.

3213

SHRI VIRENDER SINGH SAINI; (B. OCTOBER 8, 1948),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - PANJAB '68; B.SC. (CHEMICAL TECHNOLOGY) BIOCHEM. ENGG. - KANPUR '72; M.E. CHEMICAL ENGINEERING '89.

SPECIALIZATIONS : FERMENTATION TECHNOLOGY; PETROLEUM TECHNOLOGY; BIOTECHNOLOGY.

EXPERIENCE : CHEMIST, CENTRAL DISTILLERIES AND BREWERIES LTD., MEERUT, (U.P.), 1972-76; SENIOR CHEMIST, SIMBHAOLI DISTILLERY (P) LTD., GHAZIABAD, (U.P.), 1976-77; SCIENTIST B, I.I.P., 1977-82; SCIENTIST C, I.I.P. SINCE MAY, 1982.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 25, RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 13, OPERATION - 5, QUALITY CONTROL - 3, PRODN. - 5.

3214

SHRI G S SARNA; (B. DECEMBER 15, 1938),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - AGRA '63.

SPECIALIZATIONS : PETROLEUM REFINING TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-83: SCIENTIST C, I.I.P. SINCE DECEMBER, 1983.

PRESENT ACTIVITIES : SOAKER VIS BREAKING STUDIES ON PILOT PLANT.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 27.

AWARDS & DISTINCTIONS : IIP BEST SCIENTIFIC WORKER AWARD, 1971.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 26.

3215

DR ALOK KUMAR SAXENA; (B. NOVEMBER 10, 1954),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - B.H.U. '75; M.TECH. PROCESS INSTRUMENTATION AND CONTROL - I.I.T., DELHI '78; PH.D. CHEMICAL ENGINEERING - DELHI '82.

SPECIALIZATIONS : COMPUTER PROGRAMMING; CONTROL ENGINEERING; FLUID MECHANICS.

EXPERIENCE : PROCESS ENGINEER, JOHN OAKEY AND MOHUNS LTD., 1976; ENGINEER (B), I.I.P., 1982-87; (ALSO TRAINING IN FLUID REACTORS, W. GERMANY, 1985-86); ENGINEER (C), I.I.P. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : MODELLING AND SIMULATION.

LANGUAGES : HINDI, ENGLISH.

VISITED : W. GERMANY, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 9, COMPUTER PROCESSING - 9.

3216

SHRI P B SEMWAL; (B. JANUARY 4, 1944),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; M.SC. MATHEMATICS - MEERUT '68; P.G. COURSE IN OPERATIONAL RESEARCH AND STATISTICS - MEERUT '71; CERTIFICATE IN DATA

PROCESSING AND COBOL PROGRAMMING - I.I.T., DELHI '78.

SPECIALIZATIONS : COMPUTER PROGRAMMING; SYSTEM PROGRAMMING; OPERATIONAL RESEARCH AND NUMERICAL ANALYSIS; REFINERY OPTIMIZATION AND STATISTICS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1964-86; (ALSO CUSTOMERS TRAINING OF LSI-4190 CAI IN REAL TIME PROGRAMMING AND ASSEMBLY PROGRAMMES - U.S.A., 1981 AND SOFTWARE DEVELOPMENT KNOWHOW IN I.C. ENGINES, I.F.P., FRANCE, 1981); SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : DEVELOPMENT OF COMPUTER PROGRAMMES AND MATHEMATICAL MODELS USING O.R.; NUMERICAL ANALYSIS; SYSTEM PROGRAMMING; STATISTICAL TECHNIQUES USING FORTRAN, BASIC, DBASE, LOTUS, PW, MS, HPG, ENG, APPLICATIONS; REFINERY OPTIMIZATION.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.S.A., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 29.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 6, DESIGN - 4, CONSULTANCY - 5, TESTING - 7, MAINTENANCE - 5, PLANNING - 4, COMPUTER PROGRAMMING - 20.

3217

SHRI DIN DAYAL SHARMA; (B. JULY 1, 1943),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : CERTIFICATE IN LIBRARY SCIENCE - ALIGARH '61; B.A. - MEERUT '70; B. LIBRARY SCIENCE - KURUKSHETRA '74; M.LIB.SC. LIBRARY SCIENCE - B.H.U. '83.

SPECIALIZATIONS : LIBRARY SCIENCE.

EXPERIENCE : LIBRARIAN, HORTICULTURAL RESEARCH INSTITUTE, SAHARANPUR (U.P.), 1962-64; CATALOGUER, SENIOR LIBRARIAN, S.T.A. LIBRARY OFFICER (A) AND SCIENTIST B, I.I.P. 1964-90; TECHNICAL OFFICER (C), I.I.P. SINCE JUNE, 1990.

PRESENT ACTIVITIES : MAINTENANCE OF LIBRARIES.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : PUBLICATIONS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : LIBRARY ORGANISATION - 26.

3218

SHRI H R S SHARMA; (B. APRIL 30, 1938),

EXECUTIVE ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGG. TECHNICAL BOARD U.P. 1958; A.M.I.E. CIVIL ENGINEERING - CALCUTTA 1977.

SPECIALISATIONS : CIVIL ENGINEERING AND MAINTENANCE.

EXPERIENCE : OVERSEES, RAJASTHAN GOVT. 1958-61; OVERSEES, U.P. GOVT. 1961-65; OVERSEES, CSIR(CIMPO), LUCKNOW, 1965-68; OVERSEES, R.R.L., JAMMU, 1968-77; CIVIL ENGINEER, I.I.P., 1977-81; ASSTT. EXECUTIVE ENGINEER, I.I.P SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : DESIGN, CONSTRUCTION & MAINTENANCE (CIVIL ENGINEERING)

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 32.

3219

SHRI JANARDAN SHARMA; (B. JULY 2, 1955),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - RANCHI '77; P.G. DIPLOMA IN UTILIZATION OF FUELS AND LUBRICANTS IN I.C. ENGINES AND INDUSTRIAL MACHINERIES - I.I.P., DEHRA DUN '79; M.E. THERMAL SCIENCE - ROORKEE '89.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES; ALTERNATIVE FUELS.

EXPERIENCE : J.R.F., I.S.M., DHANBAD, 1978; ENGINEER TRAINEE FELLOW AND S.R.F., ENGINEER (B), I.I.P. 1978-84; ENGINEER (C), I.I.P. SINCE DECEMBER, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, BENGALI, ENGLISH, GERMAN.

VISITED : E. GERMANY, FRANCE, HOLLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 7, TECHNICAL DEV. - 1, TESTING - 1.

3220

DR L D SHARMA; (B. NOVEMBER 26, 1948),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '66; M.SC. CHEMISTRY - MEERUT '68; PH.D. CHEMISTRY - ROORKEE '71.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; CHEMICAL KINETICS; HETEROGENEOUS CATALYSIS; MOLECULAR SIEVES.

EXPERIENCE : S.S.A., I.I.P., 1971-75; SCIENTIST B, R.R.L., JORHAT, 1975-80; SCIENTIST A AND SCIENTIST B, I.I.P., 1980-86; (ALSO HIGHER TRAINING IN HETEROGENEOUS CATALYSIS AS UNESCO/DAAD FELLOW, W.GERMANY, 1985-86); SCIENTIST C, I.I.P. SINCE JANUARY, 1986.

PRESENT ACTIVITIES : R & D ON HETEROGENEOUS CATALYSTS.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECHNICAL REPORTS - 8, PROCESSES UNDER UTILIZATION - 1

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. - 20.

3221

SHRI P K SHARMA; (B. JUNE 19, 1936),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '59; M.SC. MATHEMATICS - MEERUT '70

SPECIALIZATIONS : ALKYLATION; POLYMERIZATION; STATISTICAL DESIGN OF EXPERIMENTS AND PROCESS DEVELOPMENT OF ADDITIVES FOR FUEL & LUBRICANTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1965-88; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 16, PATENTS TAKEN - 2, PATENTS FILED - 3, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

3222

SHRI R L SHARMA; (B. APRIL 28, 1945),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - PUNJAB '65; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '72; M.SC. CHEMISTRY - GARHWAL '77.

SPECIALIZATIONS : CRUDE EVALUATION; PETROLEUM REFINING; PREPARATION OF PHOTOSENSITIVE MATERIALS.

EXPERIENCE : J.S.A. II, I.R.D.E., DEHRA DUN, 1966-68; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1968-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 54.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 19, TECH. DEV. - 3.

3223

DR S N SHARMA; (B. JANUARY 18, 1949),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - B.H.U. '68; M.SC. PHYSICS (SPECTROSCOPY) - B.H.U. '70; PH.D. PHYSICS - GORAKHPUR '75.

SPECIALIZATIONS : SPECTROSCOPY; TRACE-METAL ANALYSIS OF PETROLEUM PRODUCTS.

EXPERIENCE : SCIENTIST B, I.I.P., 1976-81; SCIENTIST C, I.I.P. SINCE MAY, 1981.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 53, TECH. REPORTS - 2

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APP. RES. - 12, TESTING - 12

3224

SHRI V P SHARMA; (B. MAY 11, 1949),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - PUNJABI '72.

SPECIALIZATIONS : TRIBOLOGY; DESIGN AND FABRICATION OF MACHINES AND COMPONENTS; INSTALLATION OF RIGS.

EXPERIENCE : S.O., P.W.D., HARYANA, 1972-73; PRIVATE CONTRACTOR, 1973-75; SUPERVISOR, J.M.A. INDUSTRIES LTD., FARIDABAD, 1975-77; S.S.A., ENGINEER (A) AND ENGINEER (B), I.I.P., 1977-87; ENGINEER (C), I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 27, PROCESS DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, DESIGN - 2, CONSTN. - 1, TESTING - 4, PRODN. - 2, INDL. MANAGEMENT - 2.

3225

SHRI B M SHUKLA; (B. MARCH 7, 1953),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - JABALPUR '75; CERTIFICATE IN RUSSIAN LANGUAGE - JABALPUR '73.

SPECIALIZATIONS : TRIBOLOGY - UTILIZATION OF FUELS AND LUBRICANTS; METAL WORKING LUBRICATION.

EXPERIENCE : GRADUATE APPRENTICE, GOVT. TELECOM FACTORY, JABALPUR, 1976-77; ENGINEER TRAINEE, S.R.F. AND ENGINEER (B), I.I.P., 1977-84; (ALSO TRAINING IN METAL WORKING LUBRICATION, U.K. 1981); ENGINEER (C), I.I.P. SINCE MAY, 1984.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY (METAL WORKING LUBRICATION).

LANGUAGES : HINDI, ENGLISH, RUSSIAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 21, PRODUCTS DEV. - 1, LAB TECH. - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 8, PRODN. - 1.

3226

DR D S SHUKLA; (B. AUGUST 1, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- AGRA '74; M.SC. CHEMISTRY - AGRA '76; PH.D. SYNTHETIC ORGANIC CHEMISTRY - AGRA '80.

SPECIALIZATIONS : ORGANIC CHEMISTRY; SYNTHETIC AND ANALYTICAL CHEMISTRY; QUENCHING OILS LUBRICANT ADDITIVES; TRIBOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1980-87; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D IN TRIBOLOGY AND METAL WORKING LUBRICANTS.

LANGUAGES : HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS -4, TECH. REPORTS -12, PROCESS DEVELOPED-1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 4, APP. RES.- 6.

3227

SHRI SATISH KUMAR SINGAL; (B. JANUARY 13, 1953),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (ENGG.) MECHANICAL - PANJAB '74; M.TECH. (THERMAL ENGINEERING - I.I.T., DELHI '79.

SPECIALIZATIONS : INTERNAL COMBUSTION ENGINES; MATHEMATICAL MODELLING OF INTERNAL COMBUSTION ENGINES.

EXPERIENCE : ENGINEER (B), I.I.P., 1980-85; ENGINEER (C), I.I.P. SINCE NOVEMBER, 1985.

PRESENT ACTIVITIES : R & D, TESTING OF I.C. ENGINES. MATHEMATICAL MODELLING IN I.C. ENGINES AND ALTERNATIVE FUELS UTILIZATION IN I.C. ENGINES.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

VISITED : U.S.S.R., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10.

3228

SHRI JASBIR SINGH; (B. MARCH 30, 1942),

TECHNICAL OFFICER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL SUPERVISION - MINISTRY OF INDUSTRIES (U.P.) '61; B.SC. - MEERUT '71.

SPECIALIZATIONS : MAINTENANCE OF PROCESS CONTROL INSTRUMENTS.

EXPERIENCE : ELECTRICAL ASSTT., SENIOR ELECTRICAL ASSTT., J.T.A., S.T.A. AND TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), I.I.P. 1965-89; TECHNICAL OFFICER (C), I.I.P. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : MAINTENANCE OF ANALYTICAL AND PROCESS CONTROL INSTRUMENTS.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 6. PILOT PLANT - 3, MAINTENANCE - 18.

3229

SHRI NISHAN SINGH; (B. JULY 20, 1955),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - PANJAB '76.

SPECIALIZATIONS : PRODUCTION ENGINEERING

EXPERIENCE : TEACHING ASSISTANT, THAPAR COLLEGE OF ENGINEERING, PATIALA 1977; PRODUCTION ENGINEER, M/S. BIMCO ENGINEERING ENTERPRISE, HARDWAR, 1978-81; PRODUCTION MANAGER, M/S. INTOP, HARDWAR, 1978-81; ASSISTANT WORKSHOP SUPERINTENDENT, UNIVERSITY OF ROORKEE, 1981-82; ENGINEER (B), I.I.P., 1982-87; ENGINEER (C), I.I.P. SINCE JULY, 1987.

PRESENT ACTIVITIES : MANAGEMENT OF ENGINEERING WORKSHOP.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : SHOP FLOOR PRODN. - 9, TEACHING - 2.

3230

DR S P SRIVASTAVA; (B. SEPTEMBER 16, 1944),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - LUCKNOW '63; M.SC. PHYSICS - LUCKNOW '65; PH.D. PHYSICS - KANPUR '79.

SPECIALIZATIONS : NMR SPECTROSCOPY; INFRARED SPECTROSCOPY; X-RAY DIFFRACTOMETRY; SOLID STATE PHYSICS; ANALYTICAL CHEMISTRY; PETROLEUM CHEMISTRY.

EXPERIENCE : J.R.F., 1965-68; LECTURER, UNIVERSITY OF LUCKNOW, 1968-70; S.R.F. S.S.A., SCIENTIST A AND SCIENTIST B, I.I.P., 1970-86; SCIENTIST C, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 13, TESTING - 9, TEACHING - 2.

3231

DR O S TYAGI; (B. JULY 1, 1952),

SCIENTIST C, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - B.H.U. '71; M.SC. CHEMISTRY - B.H.U. '73; D.I.I.T. CHEMISTRY - I.I.T. KHARAGPUR '74; PH.D. CHEMISTRY - I.I.T. BOMBAY '81.

SPECIALISATIONS : PHYSICAL CHEMISTRY; POLYMER CHEMISTRY; ANALYTICAL CHEMISTRY; GAS CHROMATOGRAPHY; ATOMIC SPECTROSCOPY; FT-IR.

EXPERIENCE : S.R.F., I.I.T., BOMBAY, 1978-80; LECTURER, R.J. DEGREE COLLEGE BOMBAY, 1980-81; SCIENTIST B AND SCIENTIST C, R.R.L., HYDERABAD, 1981-86; SCIENTIST C, I.I.P. SINCE MAY, 1986.

PRESENT ACTIVITIES : RESEARCH AND ANALYTICAL SUPPORT TO R & D PROJECTS.

LANGUAGES : HINDI, ENGLISH, GERMAN, JAPANESE.

VISITED : JAPAN, U.S.A., CANADA, MEXICO, ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 18, TEACHING - 1, EDITING - 1, R & D MANAGEMENT - 8.

3232

SHRI V K VERMA; (B. APRIL 8, 1949),

ENGINEER (C), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - BANGALORE '72.

SPECIALIZATIONS : DESIGN OF PRESSURE VESSELS AND CHEMICAL PILOT PLANTS; MECHANICAL DESIGN.

EXPERIENCE : S.T.A., O.N.G.C., 1973-77; ENGINEER (B), I.I.P., 1977-83; ENGINEER (C), I.I.P. SINCE MAY, 1983.

PRESENT ACTIVITIES : DESIGN.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN, TECH. DEV. AND PILOT PLANT - 17.

3233

SHRI A K AGRAWAL; (B. MAY 5, 1949),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. (CHEMICAL ENGINEERING) - KANPUR '71.

SPECIALIZATIONS : PETROCHEMICAL INTERMEDIATES; PIPE LINE INTERNAL CORROSION STUDIES.

EXPERIENCE : G.O.I. TRAINEE, I.D.P.L., RISHIKESH, 1972-73; J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1977-86; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 13.

3234

SHRI H R AGRAWAL; (B. JUNE 18, 1942),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ROORKEE '63.

SPECIALIZATIONS : EARTHMOVING MACHINERY AND CONSTRUCTION EQUIPMENT; FABRICATION; WELDING AND ERECTION.

EXPERIENCE : SHIFT SUPERVISOR, STAR PAPER MILLS LTD. SAHARANPUR, 1963-64; E & M SUPERVISOR, IRRIGATION DEPARTMENT, 1964-66; JUNIOR FOREMAN, SENIOR FOREMAN AND TECHNICAL OFFICER (A), I.I.P., 1967-85; TECHNICAL OFFICER (B), I.I.P. SINCE JUNE, 1985.

PRESENT ACTIVITIES : ENGINEERING SERVICES (MACHINE SHOP).

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 4, QUALITY CONTROL - 20, MAINTENANCE - 3, PRODUCTION - 20.

3235

SHRI R K AGRAWAL; (B. JULY 25, 1944),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '64; A.M.I.E. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '79.

SPECIALIZATIONS : HYDROFINISHING OF LUBES AND WAXES; HYDRODESULPHURISATION OF PETROLEUM FRACTIONS; HYDROCRACKING; CATALYTIC REFORMING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND ENGINEER (A), I.I.P., 1965-82; SCIENTIST B, I.I.P. SINCE APRIL, 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 43, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27.

3236

SHRI A L ARORA; (B. JUNE 15, 1939),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '62.

SPECIALIZATIONS : DOMESTIC AND INDUSTRIAL FUEL COMBUSTION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), I.I.P., 1963-86; TECHNICAL OFFICER (B), I.I.P. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : R & D IN DOMESTIC & INDUSTRIAL COMBUSTION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 16, PATENTS TAKEN - 5, TEST REPORT - 200.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 20, TESTING - 5.

3237

SHRI NEERAJ ATJEYA; (B. MARCH 6, 1955),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. (ORGANIC CHEMISTRY)

SPECIALISATIONS : DEASPHALTING STUDIES; THERMAL CRACKING PROCESS AND BITUMEN STUDIES.

EXPERIENCE : J.S.A. & S.S.A., I.I.P., 1980-86; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 11.

3238

SHRI GOVIND BALLABH; (B. DECEMBER 1, 1945),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.A. - MEERUT '73; CERTIFICATE IN LIBRARY SCIENCE - BOARD OF TECHNICAL EDUCATION, U.P. '66.

SPECIALISATIONS : DOCUMENTATION AND INFORMATION SCIENCE; INDUSTRIAL LIAISON; PLANNING; MONITORING AND EVALUATION.

EXPERIENCE : CATALOGUER, JUNIOR DOCUMENTATION ASSISTANT AND SENIOR DOCUMETATION ASSISTANT, I.I.P. SINCE FEBRUARY, 1984.

PRESENT ACTIVITIES : TECH. REPORTS - 1, BIBLIOGRAPHIES - 2.

AWARDS & DISTINCTIONS : BEST WORKER AWARD, IIP, 1969; CENSUS SILVER MEDAL, PRESIDENT OF INDIA, 1971.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 8, TECHNOLOGY TRANSFER - 8, EDITING, DOCUMENTATION AND REPROGRAPHY - 18.

3239

SHRI G S BHANDARI; (B. NOVEMBER 16, 1948),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '68; M.SC. MATHEMATICS - MEERUT '71; M.SC. PHYSICAL CHEMISTRY - GARHWAL '77.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; MATHEMATICS; TESTING OF CRUDE OILS AND THEIR PRODUCTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND SCIENTIST A, I.I.P., 1969-84; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1984.

PRESENT ACTIVITIES : TESTING OF CRUDE OILS & THEIR PRODUCTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 56.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 22, APPLIED RESEARCH - 22.

3240

SHRI C N BHARGAVA; (B. JULY 15, 1940),

ENGINEER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - AGRA, U.P. '62; CERTIFICATE IN FIRE PREVENTION FROM NFSC, NAGPUR '83.

SPECIALIZATIONS : ERECTION; COMMISSIONING AND MAINTENANCE OF MECHANICAL EQUIPMENTS.

EXPERIENCE : S.T.A. AND SCIENTIST A1, I.I.P., 1970-82; ENGINEER (B), I.I.P. SINCE OCTOBER, 1982.

PRESENT ACTIVITIES : MAINTENANCE OF I.I.P ESTATE INCLUDING FIRE AND SAFETY MANAGEMENT.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 9, OPERATION - 9, MAINTENANCE - 13, ERECTION - 9, COMMISSIONING OF EQUIPMENTS - 9, FIRE & SAFETY MANAGEMENT - 9.

3241

DR B M L BHATIA; (B. MARCH 7, 1943),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '67; M.SC. PHYSICAL CHEMISTRY - MEERUT '69; PH.D. CHEMISTRY - GARHWAL '82.

SPECIALIZATIONS : METAL COMPLEXES; SYNTHESIS OF FUEL AND LUBRICANT ADDITIVES; EVALUATION OF CRUDE OILS AND THEIR PRODUCTS.

EXPERIENCE : ASSISTANT TEACHER, D.A.V.INTER COLLEGE, DEHRA DUN, 1969-71; S.L.A., J.S.A., S.S.A AND SCIENTIST A, I.I.P. 1971-86; SCIENTIST B, I.I.P. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : EVALUATION OF CRUDE OILS & THEIR PRODUCTS.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 5, PROCESS UNDER UTILISATIONS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 3, APP. RES.- 10, TESTING - 6, TEACHING - 2.

3242

SHRI R K CHAWLA; (B. JULY 25, 1945),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '66; M.SC. CHEMISTRY - GARHWAL '76.

SPECIALISATIONS : MACROMOLECULAR CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., I.I.P., 1966-84; SCIENTIST A, I.I.P. SINCE JUNE, 1984.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON FOR VARIOUS ACTIVITIES VIZ: ANALYSIS OF OUTSIDE SAMPLES, MAINTENANCE OF EXTERNAL CASH FLOW, GENERAL AND TECHNICAL QUERIES, UPKEEP OF COMPUTERS AND XEROX MACHINES.

LANGUAGES : HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. LIAISON - 24.

3243

DR GAUTAM DAS; (B. APRIL 9, 1953),

ENGINEER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - BURDWAN '75; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '77; PH.D. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '87.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - BURDWAN '75; M.TECH. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '77; PH.D. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '87.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; REFINERY ENGINEERING AND PETROCHEMICALS; COMPUTER DATA PROCESSING AND MODELLING; PROCESS CONTROL AND PILOT PLANT OPERATION.

EXPERIENCE : TECHNICAL TRAINEE, UNIVERSAL PETROCHEMICALS PVT.LTD., CALCUTTA, 1977-78; SCIENTIST A, CEMENT RESEARCH INSTITUTE OF INDIA, FARIDABAD, 1983-84; ENGINEER (B), I.I.P. SINCE OCTOBER, 1984.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT & PILOT PLANT OPERATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 10, PROCESS UNDER UTILISATIONS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 1, APP. RES.- 3, PILOT PLANT - 1, COMPUTER PROCESSING - 1.

3244

SHRI PARSHOTAM DASS; (B. JANUARY 24, 1941),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : GRAD. I.E.T.E. INDUSTRIAL ELECTRONICS & CONTROL ENGINEERING - INSTITUTE OF ELECTRONICS & TELECOMMUNICATION ENGG., INDIA '74.

SPECIALIZATIONS : ELECTRONICS.

EXPERIENCE : ELECTRICIAN, SENIOR ELECTRICIAN, J.T.A. AND S.T.A., I.I.P., 1963-84; TECHNICAL OFFICER (B), I.I.P. SINCE APRIL, 1984.

PRESENT ACTIVITIES : REPAIR & MAINTENANCE OF INSTRUMENTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 27.

3245

SHRI S M DHIR; (B. AUGUST 1, 1943),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - GARHWAL '78.

SPECIALIZATIONS : PHYSICO-CHEMICAL TESTING OF SOLID CATALYSTS; CATALYST SUPPORT MATERIALS; PERFORMANCE EVALUATION OF SOLID CATALYSTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1964-81; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1982.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 16, PATENTS TAKEN - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 9.

3246

SHRI S P DOBHAL; (B. NOVEMBER 28, 1936),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- GARHWAL '74.

SPECIALIZATIONS : GLASS BLOWING.

EXPERIENCE : APPRENTICE, J.L.A., FINE MECHANIC, J.T.A. AND S.T.A., TECHNICAL OFFICER (A), I.I.P. 1964-89; SCIENTIST B, I.I.P. SINCE MAY, 1989.

PRESENT ACTIVITIES : SCIENTIFIC GLASS BLOWING.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : GLASS BLOWING - 26.

3247

SHRI R L GHAI; (B. AUGUST 7, 1936),

ASSISTANT ENGINEER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : TECHNICAL DIPLOMA IN SURVEYING - MINISTRY OF LABOUR (GOVT. OF INDIA) '56.

SPECIALIZATIONS : PREVENTIVE MAINTENANCE OF BUILDINGS AND LABORATORIES; PLANNING; EXECUTION AND MAINTENANCE OF CIVIL ENGINEERING WORKS.

EXPERIENCE : SURVEYOR, JULLUNDUR IMPROVEMENT TRUST, JULLUNDUR, 1956-58; ENGINEERING SUBORDINATE, CITY IMPROVEMENT TRUST, KOTA, 1958-59; ENGINEER, M/S SHALIMAR GARDENS, DELHI, 1959-60; OVERSEER, C.M.R.S., DHANBAD, 1960; OVERSEER AND S.T.A. AND ASSISTANT ENGINEER (A), I.I.P. 1960-72; ASSISTANT ENGINEER (B), I.I.P. SINCE MARCH, 1972.

PRESENT ACTIVITIES : PLANNING, CONSTRUCTION AND MAINTENANCE OF BUILDINGS AND SERVICES.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 32.

3248

SHRI P K GOYAL; (B. JULY 25, 1944),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '66; M.SC. PHYSICAL CHEMISTRY - GARHWAL '69; POLYMER PROCESSING COURSE - C.I.P.E.T. MADRAS.

SPECIALIZATIONS : POLYMER PROCESSING AND CHARACTERIZATION.

EXPERIENCE : S.L.A., J.S.A., S.S.A., AND SCIENTIST A, I.I.P., 1970-81; SCIENTIST B, I.I.P. SINCE AUGUST, 1981.

PRESENT ACTIVITIES : R & D IN ADDITIVES.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 7, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 20.

3249

DR J K GUPTA; (B. JUNE 7, 1951),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - A.M.U.'70: M.SC. ANALYTICAL CHEMISTRY - A.M.U.'72; PH.D. INORGANIC CHEMISTRY - B.H.U.'80.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY: INORGANIC CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND P.D.F. OF C.S.I.R., 1974-82; POOL OFFICER (CSIR). I.I.T., DELHI, 1982-85: SCIENTIST B. I.I.P. SINCE JUNE, 1985.

PRESENT ACTIVITIES : R & D ON HETEROGENEOUS CATALYSTS.

LANGUAGES : HINDI. URDU. ENGLISH.

VISITED : HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14. TECH. REPORTS - 3. PROCESS UNDER UTILISATIONS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 6. APP. RES.- 6. TEACHING - 3.

3250

MISS POONAM GUPTA; (B. FEBRUARY 6, 1963),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.E.(HONS) ELECTRICAL & ELECTRONICS ENGG. - B.I.T.S. '86.

SPECIALISATIONS : INSTRUMENTATION.

EXPERIENCE : SALES ENGINEER, INDIAN OXYGEN LTD., CALCUTTA, 1986-89; SCIENTIST B, I.I.P. SINCE DECEMBER. 1989.

PRESENT ACTIVITIES : REPAIR & MAINTENANCE.

LANGUAGES : HINDI. ENGLISH. BENGALI.

PROFESSIONAL EXPERIENCE(IN YEARS) : SALES & SERVICES - 3, REPAIR & MAINTENANCE - 1.

3251

SHRI S C GUPTA; (B. JULY 15, 1936),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : NATIONAL CERTIFICATE COURSE IN REFRIGERATION & AIR CONDITIONING - I.T.I.. PUSA '60; DIPLOMA IN BUSINESS MANAGEMENT - PUSA '60.

SPECIALIZATIONS : REFRIGERATION AND AIR CONDITIONING.

EXPERIENCE : APPRENTICE, DOON REFRIGERATION SERVICE, DEHRA DUN. 1955-57; MECHANIC (REFRIGERATION), BHAGIRATH ICE CREAM CO.. DELHI AND M/S RAJDHANI REFRIGERATION. DELHI. 1957-60: TECHNICAL OPERATOR (AIR CONDITIONING). AIR HD. QRS.. N.DELHI. 1960-61: OPERATOR. GRADE I, HEAVY WATER PROJECT, F.C.I.L., NAYA NANGAL. PUNJAB, 1961-64; J.T.A., R.R.L., HYDERABAD. 1964: J.T.A., S.T.A. AND TECHNICAL OFFICER (A). I.I.P.. 1964-87: TECHNICAL OFFICER (B). I.I.P. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : REFRIGERATION & AIR CONDITIONING SERVICES & MAINTENANCE.

LANGUAGES : HINDI. URDU. ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH DEV.- 8. PILOT PLANT - 5. OPERATION - 5. TESTING - 5. MAINTENANCE -8. PRODUCTION - 3. PLANNING - 2

3252

SHRI SHRICHANDRA GUPTA; (B. JULY 31, 1941),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - GARHWAL '78.

SPECIALISATIONS : PROCESS DEVELOPMENT (HYDROPROCESSING); PETROLEUM REFINING TECHNOLOGY; THERMAL CONVERSION.

EXPERIENCE : J.L.A., S.L.A., I.I.P.. 1964-68; S.M.C. SIKKIM. 1968-70; S.L.A.. J.T.A.. S.S.A., I.I.P.. 1970-86; SCIENTIST (B), I.I.P. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : R & D

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 51. PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25.

3253

SHRI SUDHANSHU GUPTA; (B. NOVEMBER 15, 1953),

ENGINEER (B). INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. ENGG.(HONS.) MECHANICAL - PANJAB '76.

SPECIALIZATIONS : REFRIGERATION AND AIR CONDITIONING; MATERIALS HANDING.

EXPERIENCE : S.S.A.. I.I.P.. 1977-78; ASSISTANT MECHANICAL ENGINEER. P.P.C.L.. DEHRA DUN. 1978-83; ENGINEER (B). I.I.P. SINCE OCTOBER, 1984.

PRESENT ACTIVITIES : MAINTENANCE OF REFRIGERATION & AIR CONDITIONING EQUIPMENT & SERVICES.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 2. MAINTENANCE - 7. INDL. MGMT. - 5.

3254

SHRI U K JAISWAL; (B. JULY 10, 1952),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.E. MECHANICAL - JABALPUR '75.

SPECIALIZATIONS : COMBUSTION STUDIES.

EXPERIENCE : S.S.A. AND SCIENTIST A. I.I.P.. 1977-82: SCIENTIST B. I.I.P. SINCE FEBRUARY. 1982.

PRESENT ACTIVITIES : R & D IN COMBUSTION.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1. TECH. REPORTS - 12. PATENTS TAKEN - 2. PATENTS FILED -1. PROCESSES DEVELOPED - 1. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 11. PLANNING - 2.

3255

SHRI BALBIR SINGH JASWAL; (B. APRIL 1, 1937),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : PHOTO COURSE IN PHOTOGRAPHY - I.A.F., MADRAS '58; PHOTO MECH. COURSE IN INSTRUMENTATION - I.A.F., MADRAS '62; COURSE IN INSPECTION INSTRUMENTATION - I.A.F., BANGALORE '68.

SPECIALISATIONS : OPERATION OF TROUBLESHOOTING; OPERATION OF PRECISION; PHOTOGRAPHY; PERFORMANCE TRIALS AND INPECTION OF PRECISION INSTRUMENTS.

EXPERIENCE : SARGENT, I.A.F., 1956-71; TECHNICAL ASSISTANT AND TECHNICAL OFFICER (A), 1971-81; TECHNICAL OFFICER (B), I.I.P. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : TESTING OF ENGINE FUELS.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 52.

AWARDS & DISTINCTIONS : EXEMPLARY COURAGE AWARD IN SAVING HUMAN LIFE, CSIR, 1978; I A F MEDALS (THRICE).

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 6, TESTING - 10. QUATITY CONTROL - 3, MAINTENANCE - 8, REPROGRAPHY - 15.

3256

SHRI R S KAUSHIK; (B. JUNE 10, 1945),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '63.

SPECIALIZATIONS : EVALUATION AND PROCESSING OF LUBE-BASED STOCKS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), I.I.P. 1964-88; TECHNICAL OFFICER (B), I.I.P. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 29, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD, 1987; CSIR TECHNOLOGY AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27.

3257

SHRI S K KHANNA; (B. NOVEMBER 20, 1949),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '69; M.SC. PHYSICAL CHEMISTRY - ROORKEE '71; A.M.I.E. (INDIA)

SPECIALIZATIONS : DOMESTIC AND INDUSTRIAL FUEL COMBUSTION.

EXPERIENCE : J.R.F., S.S.A. AND SCIENTIST A, I.I.P., 1972-80; SCIENTIST B, I.I.P. SINCE JULY, 1980.

PRESENT ACTIVITIES : R & D IN DOMESTIC AND INDUSTRIAL COMBUSTION.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 25, PATENTS TAKEN - 6, PATENTS FILED - 2, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 17.

3258

SHRI H B KOTHARI; (B. AUGUST 10, 1935),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN CRAFTSMANSHIP (MOTOR MECHANIC TRADE) - I.T.I., LUCKNOW '58.

SPECIALIZATIONS : MAINTENANCE OF TEST ENGINES.

EXPERIENCE : AUTO MECHANIC, FINE MECHANIC, JUNIOR FOREMAN AND FOREMAN GR. B AND TECHNICAL OFFICER (A), I.I.P. 1962-84; TECHNICAL OFFICER (B) I.I.P. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : MAINTENANCE OF TEST ENGINES.

LANGUAGES : HINDI, ENGLISH.

AWARDS & DISTINCTIONS : BEST WORKER PRIZE, IIP, 1970.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 26.

3259

SHRI RAJESH KUMAR; (B. OCTOBER 30, 1966),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. CHEMISTRY - GARHWAL '87; M.SC. CHEMISTRY - GARHWAL '89.

SPECIALISATIONS : PHYSICAL CHEMISTRY; ANALYTICAL CHEMISTRY.

EXPERIENCE : S.A.C., ATOMIC MINERAL DIVISION DEPT. OF ATOMIC ENERGY NAGPUR, 1990-92; SCIENTIST B, I.I.P. SINCE 1992.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPRIENCE(IN YEARS) : 3.5.

3260

SHRI S A KURESHI; (B. FEBRUARY 18, 1939),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '61.

SPECIALIZATIONS : CATALYTIC REFORMING.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1963-85; SCIENTIST B, I.I.P. SINCE DECEMBER, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, URDU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22.

3261

SHRI G N MADHWAL; (B. OCTOBER 10, 1940),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.A. DRAWING & PAINTING; DIPLOMA IN PHOTOGRAPHY '62; I.G.D. CERTIFICATE - BOMBAY GOVT.; HONOURS - ROYAL DRAWING SOCIETY LONDON.

SPECIALIZATIONS : PHOTOGRAPHY.

EXPERIENCE : PHOTOGRAPHER, BOTANICAL SURVEY OF INDIA, NORTHERN CIRCLE, DEHRA DUN, 1960-76; S.T.A. AND PHOTO OFFICER (A), I.I.P. 1976-86; TECHNICAL OFFICER (B), I.I.P. SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : PHOTOGRAPHY (SCIENTIFIC, INDUSTRIAL AND TECHNICAL), PRESS, OUTDOOR COVERAGE AND VISUAL AIDS.

LANGUAGES : HINDI, ENGLISH.

AWARDS & DISTINCTIONS : FIRST PRIZE FOR RARE GEOLOGICAL SPECIMEN PHOTOGRAPHS EXHIBITED IN ALL INDIA GEOLOGICAL PHOTOGRAPHIC COMPETITION, 1982.

PROFESSIONAL EXPERIENCE(IN YEARS) : PHOTOGRAPHY - 31.

3262

SHRI SATENDER KUMAR MALHOTRA; (B. OCTOBER 10, 1944),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - U.P. '68.

SPECIALIZATIONS : UTILIZATION OF FUELS AND LUBRICANTS IN I C ENGINES.

EXPERIENCE : J.S.A., S.T.A. AND TECHNICAL OFFICER (A), I.I.P. 1971-87; TECHNICAL OFFICER B, I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : RESEARCH; INDUSTRIAL LIAISON.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 13, TESTING - 4, QUALITY CONTROL - 2, INDUSTRIAL LIAISON - 3.

3263

SHRI S M NANOTI; (B. NOVEMBER 10, 1956),

ENGINEER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINERING - NAGPUR '78; M.TECH. CHEMICAL ENGINEERING - NAGPUR '78.

SPECIALIZATIONS : EXTRACTOR SIMULATION AND DESIGN; COMPUTER PROCESSING.

EXPERIENCE : LECTURER, LAXMINARAYAN INSTITUTE OF TECHNOLOGY, NAGPUR 1980-81; S.R.F., N.E.E.R.I., NAGPUR, 1981-84; ENGINEER (B), I.I.P. SINCE AUGUST, 1984.

PRESENT ACTIVITIES : DESIGN & SIMULATION IN LIQUID - LIQUID EXTRACTION.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 4, PATENTS FILED - 1. PROCESS UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 2, DESIGN - 2, TEACHING - 1, COMPUTER PROCESSING - 2.

3264

SHRI K D NEEMLA; (B. JULY 1, 1941),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - ROHELKHAND '79.

SPECIALIZATIONS : DEVELOPMENT AND EVALUATION OF CORROSION INHIBITORS.

EXPERIENCE : LABORATORY ASSISTANT, ARCHAEOLOGICAL SURVEY OF INDIA, DEHRA DUN, 1961-67; J.L.A., S.L.A., J.S.A., S.T.A. AND SCIENTIST A, I.I.P., 1967-82; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1982.

PRESENT ACTIVITIES : R & D OF CORROSION INHIBITORS FOR ACIDIZING WELLS AND FOR CRUDES & PRODUCTS TRANSPORTATION PIPELINES.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 5, APP. RES.- 10, TESTING - 10, QLTY. CONTROL - 2, MAINTENANCE - 27.

3265

SHRI PREM PAL; (B. OCTOBER 9, 1967),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MEERUT '86; M.SC. PHYSICAL CHEMISTRY - MEERUT '88; M. PHIL. CHEMISTRY - DELHI '90; PH.D. CHEMISTRY - DELHI '90.

SPECIALISATIONS : HETEROGENEOUS CATALYSIS; PHYSICAL CHEMISTRY.

EXPERIENCE : CHEMIST, O.N.G.C. DEHRADUN, 1990-93; SCIENTIST B, I.I.P. DEHRADUN, SINCE APRIL, 1993.

PRESENT ACTIVITIES : R & D IN PETROLEUM REFINING.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 2, QUALITY CONTROL - 1.

3266

SHRI P S PHULL; (B. JUNE 2, 1942),

TECHNICAL OFFICER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - PUNJAB STATE BOARD OF TECHNICAL EDUCATION '66.

SPECIALIZATIONS : FABRICATION OF EQUIPMENT AND MACHINE TOOLS.

EXPERIENCE : J.T.A., S.T.A. AND TECHNIAL OFFICER (A). I.I.P., 1968-84; TECHNICAL OFFICER (B), I.I.P. SINCE MAY, 1984.

PRESENT ACTIVITIES : ENGINEERING SERVICES.

LANGUAGES : PUNJABI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : PATENT TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION AND MAINTENANCE (PILOT PLANT) - 12. FABRICATION - 10.

3267

SHRI YAD RAM; (B. JULY 3, 1944),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : M.SC. MATHEMATICS - AGRA '67.

SPECIALIZATIONS : PETROLEUM REFINING.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.S.A. AND SCIENTIST A, I.I.P., 1968-86; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : FEED STOCK PREPARATION FOR R & D PROJECTS USING BENCH SCALE DISTILLATION UNITS.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 22.

3268

DR S L S SAROWHA; (B. JULY 8, 1945),

SCIENTIST B. INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : B.SC.- MEERUT '69; M.SC. CHEMISTRY - MEERUT '72; PH.D. CHEMISTRY (PETROLEUM TECHNOLOGY) - MEERUT '87; CERTIFICATE COURSE IN THE APPLICATIONS OF VIBRATIONAL SPECTROSCOPY - I.I.T., MADRAS '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY; INSTRUMENTAL ANALYSIS; PETROLEUM CHARACTERISATION; VIBRATIONAL SPECTROSCOPY; GAS CHROMATOGRAPHY; HIGH PERFORMANCE LIQUID CHROMATOGRAPHY.

EXPERIENCE : TEACHER, JAIN HIGHER SECONDARY SCHOOL. RAMPUR. U.P., 1969-70; S.L.A., J.S.A., S.S.A. AND SCIENTIST A, I.I.P. 1973-84; SCIENTIST B, I.I.P. SINCE SEPTEMBER, 1984.

PRESENT ACTIVITIES : R & D IN ANALYTICAL TECHNIQUES.

LANGUAGES : HINDI, SANSKRIT. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, TECH. REPORTS - 6. ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 15. TEACHING - 1, SALES MARKETING - 1.

3269

SHRI HARBANS SINGH SEWAK; (B. OCTOBER 6, 1946),

TECHNICAL OFFICER (B). INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - ALLAHABAD '69.

SPECIALIZATIONS : UTILIZATION OF FUELS AND LUBRICANTS.

EXPERIENCE : J.T.A., S.T.A. AND TECHNICAL OFFICER (A), I.I.P., 1973-86; TECHNICAL OFFICER (B). I.I.P. SINCE JUNE. 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI. HINDI. ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECH. REPORTS - 18. PATENTS TAKEN - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : IIP BEST WORKER AWARD, 1976.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1. APP. RES. - 8, TESTING - 3. LABORATORY UTILITIES & SERVICES - 5.

3270

DR(MISS) ANSHU SHARMA; (B. APRIL 14, 1959),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - GARHWAL '79; M.SC. CHEMISTRY - GARHWAL '81; PH.D. CHEMISTRY- GARHWAL '86.

SPECIALISATIONS : CHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND RESEARCH ASSOCIATE. I.I.P., 1982-91; SCIENTIST B, I.I.P. SINCE NOVEMBER. 1991.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 2. PATENTS TAKEN - 1, PATENTS FILED CURRENTLY - 1, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : SILVER MEDAL IN BEST INVENTION CATEGORY, LIQUID MEMBRENE WORK, AIIE. HYDERABAD. 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5. APP. RES. - 5.

3271

SHRI J P S SHARMA; (B. JULY 2, 1938),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '62; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '70; M.SC. PHYSICAL CHEMISTRY - GARHWAL '80.

SPECIALIZATIONS : PETROLEUM REFINING; PETROCHEMICALS.

EXPERIENCE : TEACHER. M.M. INTER COLLEGE. MEERUT. U.P., 1962-63; J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. I.I.P., 1963-82; (ALSO POST GRADUATE COURSE IN PETROLEUM REFINING AND PETROCHEMICALS UNDER UNESCO PRO-

GRAMME, ROMANIA, 1979); SCIENTIST B, I.I.P. SINCE FEBRUARY, 1982.

PRESENT ACTIVITIES : R & D IN PETROCHEMICALS; UTILISATION OF JOJOBA OIL.

LANGUAGES : HINDI, ENGLISH, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 14, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 1, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, TESTING - 10, TEACHING - 2.

3272

DR S K SHARMA; (B. SEPTEMBER 23, 1955),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - PANJAB '75; M.SC.(HONS) ORGANIC CHEMISTRY - PANJAB '76; PH.D. ORGANIC CHEMISTRY - PANJAB '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY; LIQUID MEMBRANE PERMEATION.

EXPERIENCE : ASSISTANT RESEARCH ASSOCIATE, PUNJAB UNIV, 1978-80, LECTURER, D.P.I., HARYANA, 1980-81; RESEARCH ASSOCIATE (CSIR) PUNJAB UNIV, 1981-83; SCIENTIST B, N.C.L., 1983-86; SCIENTIST B, I.I.P. SINCE MAY, 1986.

PRESENT ACTIVITIES : REFINING PROCESS DEVELOPMENT (EXTRACTION).

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 5, APP. RES.- 5, TEACHING - 1.

3273

SHRI Y K SHARMA; (B. AUGUST 14, 1955),

SCIENTIST B, INDIAN INSTITUTE PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- AGRA '74; M.SC. ORGANIC CHEMISTRY - AGRA '76.

SPECIALIZATIONS : ORGANIC CHEMISTRY; CRUDE OILS AND THEIR PRODUCTS.

EXPERIENCE : J.C.A. AND S.S.A. FORENSIC SCIENCE LABORATORY, AGRA, 1976-80; J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1980-86; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : EVALUATION OF CRUDE OILS AND THEIR PRODUCTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 32, PUBLICATIONS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING & APP. RESEARCH - 10.

3274

SHRI DEEPAK TANDON; (B. MAY 2, 1951),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - MEERUT '73.

SPECIALIZATIONS : PETROLEUM REFINING TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1974-82; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1982.

PRESENT ACTIVITIES : RESEARCH ON THERMAL CONVERSION PROCESS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 17.

3275

SHRI G B TEWARI; (B. JANUARY 26, 1946),

SCIENTIST B, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.- AGRA '66; M.SC. PHYSICAL CHEMISTRY - GARHWAL '79.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; EVALUATION OF CRUDE OILS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, I.I.P., 1969-85; SCIENTIST B, I.I.P. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : TESTING OF PETROLEUM PRODUCTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 50.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING & APPLIED RESEARCH - 22.

3276

SHRI MADHAV UPADHYAYA; (B. NOVEMBER 26, 1957),

ENGINEER (B), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.TECH. CHEMICAL - OSMANIA '81; M.TECH. CHEMICAL - I.I.T., KHARAGPUR '83.

SPECIALIZATIONS : PETROLEUM REFINING ENGINEERING; CATALYTIC PROCESS DEVELOPMENT.

EXPERIENCE : LECTURER, SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR, 1983-84; ENGINEER (B), I.I.P. SINCE AUGUST, 1984.

PRESENT ACTIVITIES : R & D IN CATALYSIS.

LANGUAGES : KANNADA, TELUGU, MARATHI, HINDI, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 7, TEACHING - 1.

3277

SHRI SUSHIL KUMAR AGARWAL; (B. NOVEMBER 4, 1954),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - GARHWAL '75; M.SC. CHEMISTRY - GARHWAL '82.

SPECIALISATIONS : PHYSICAL CHEMISTRY.

EXPERIENCE : J.L.A., J.S.A. AND S.T.A., I.I.P., 1978-81; TECHNICAL OFFICER (A), I.I.P. SINCE 1989.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 2, TESTING - 15.

3278

SHRI R K BAHL; (B. FEBRUARY 27, 1937),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : CERTIFICATE COURSE IN I.C. ENGINES - BANARAS '56.

EXPERIENCE : MECH., FINE MECH., MECH. ASSTT. AND SR. MECH. ASSTT., I.I.P., 1963-91; TECHNICAL OFFICER (A), I.I.P. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : GENERAL LAB BOOK.

LANGUAGES : HINDI, URDU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 30.

3279

SHRI S K BHASKAR; (B. SEPTEMBER 5, 1940),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : I.T.I. - AMRITSAR '62.

EXPERIENCE : MECH., FINE MECH., FINE MECH.(S.G.), JR. FOREMAN AND FOREMAN (GR. B), I.I.P., 1960-90; TECHNICAL OFFICER (A), I.I.P. SINCE MAY, 1990.

PRESENT ACTIVITIES : SUPERVISION & MAINTENANCE OF CARPENTRY WORK.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

3280

SHRI GOBIND SINGH BISHT; (B. DECEMBER 15, 1950),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLMA IN MECHINAL ENGINEERING, ALLAHABAD POLYTECHNIQUE, ALLAHABAD '70.

SPECIALISATIONS : HEAT TREANTMENT OF FERROUS AND NON-FERROUS ALLOYS.

EXPERIENCE : SUPERVISOR, MODERN RICINILL ALLAHABAD, 1970-71; SUPERIOR, EMC SANGAM WORKS, ALLAHABAD, 1972-72; MECHANIC, HAFED, CHANDIGARH, 1973-74; INSPECTOR, HAL, LUCKNOW, 1974-80; J.T.A. AND S.T.A., I.I.P., 1980-90; TECHNICAL OFFICER (A), I.I.P. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : ENGINE FUELS & LUBRICANTS STUDIES.

LANGUAGES : HINDI, ENGLISH, KUMAONI, GORKHALI.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 12, QUALITY CONTROL - 6, MAINTENANCE & PRODUCTION - 3.

3281

SHRI A D CHABRA; (B. JANUARY 3, 1942),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : MATRICULATION '58; DIPLOMA IN ELECTRICAL ENGINEERING - GOVT. POLYTECHNIC, AMBALA CITY '61.

SPECIALISATIONS : ELECTRICAL MAINTENANCE AND ELECTRICAL ERECTION (WIRING).

EXPERIENCE : CHARGEMAN (ELECTRICAL MAINTENANCE), BHILLAI STEEL PLANT, BHILLAI, 1963-69; SECTIONAL OFFICER (ELECT.), HARIYANA AGRICULTURAL UNIV., HISSAR, 1970-73; SUPERVISOR (ELECT.), DCM DELHI-HTM UNIT, HISSAR, 1974-77; JR. ENGINEERING(ELECT.) ENGG. SERVICES DIVISION, CSIR, NEW DELHI, 1977-81; S.T.A. (E), I.I.P., 1981-86; TECHNICAL OFFICER (A), I.I.P. SINCE 1986.

PRESENT ACTIVITIES : ELECTRICAL MAINTENANCE AND ELECTRICAL ERECTION (WIRING).

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : ELECTRICAL MAINTENANCE - 20.

3282

MR MOOL CHAND; (B. JULY 5, 1947),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

3283

SHRI S V K DILAWER; (B. MAY 21, 1939),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. GARHWAL '86.

SPECIALISATIONS : CHEMISTRY & RHEOLOGY OF PETROLEUM WAXES.

EXPERIENCE : J.L.A., S.L.A., J.T.A. & S.T.A., I.I.P., 1964-87; TECHNICAL OFFICER (A), I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : R & D OF LOW TEMPERATURE FLOW BEHAVIOUR OF WAXY CRUDES.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 42.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26.

3284

SHRI J S DUTTA; (B. AUGUST 11, 1943),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECH. ENGG. U.P BOARD - ALLAHABAD. '68.

SPECIALISATIONS : PRECISION MEASUREMENT AND DEPOSITE RATING.

EXPERIENCE : SHIFT OPERATOR. S,L.A., J.T.A. AND S.T.A., I.I.P., 1970-90; TECHNICAL OFFICER (A). I.I.P. SINCE JULY, 1990.

PRESENT ACTIVITIES : PRECISION MEASUREMENT AND DEPOSIT RATING OF ENGINE COMPONENTS.

LANGUAGES : PUNJABI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES PAPERS - 3, TECH REPORTS - 11.

AWARDS & DISTINCTIONS : IIP BEST WORKER AWARD, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 19, PILOT PLANT - 3.

3285

SHRI R A GARG; (B. NOVEMBER 12, 1942),

DESIGN ENGINEER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : MATRICULATION, DIPLOMA IN DRAFTMANSHIP (MECH.) PUNJAB POLYTECHNIC NILOKHERI - '60.

SPECIALISATIONS : MECHANICAL DRAWING.

EXPERIENCE : JUNIOR DRAFTSMAN, SENIOR DRAFTSMAN AND S.T.A., I.I.P., 1963-88; TECHNICAL OFFICER (A), I.I.P. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : DRAWING OF SCIENTIFIC EQUIPMENTS & DEVICES.

LANGUAGES : HINDI, PUNJABI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DRAWING - 31.

3286

SHRI R C GHILDIYAL; (B. APRL 1, 1945),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '67; M.SC. PHYSICAL CHEMISTRY - GARHWAL '83.

SPECIALISATIONS : PILOT PLANT OPERATION; LOW TEMPERATURE EXTRACTIVE CRYSTALLIZATION.

EXPERIENCE : J.L.A., S.L.A., J.T.A. AND S.T.A., I.I.P., 1972-89; TECHNICAL OFFICER (A). I.I.P. FEBURARY, 1989.

PRESENT ACTIVITIES : DEWAXING TECHNOLOGY.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 20, ARTICLES - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TECHNICAL DEV. - 5, QUALITY CONTROL - 1, TECHNO-ECO-SURVEYS - 2, TECHNOLOGY TRANSFER - 1, PILOT PLANT - 2.

3287

SHRI B S GOEL; (B. AUGUST 28, 1941),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

3288

SHRI G C GUPTA; (B. JULY 8, 1937),

DESIGN ENGINEER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : INTERMIDIATE SCIENCE U.P. BOARD '56; DIPLOMA IN MECHANICAL DRAUGHTSMANSHIP - I.T.I., MIRZAPUR, U.P. '59.

SPECIALIZATIONS : DESIGN/DRAWING OF MACHINES, PRESSURE VESSELS AND PIPING FOR PILOT PLANTS.

EXPERIENCE : DRAUGHTSMAN, I.T.I., MIRZAPUR, 1958-59; APPRENTICE DRAUGHTSMAN, MAHESHWARI KHETAN SUGAR MILLS, DEORIA, 1960-61; JUNIOR DRAUGHTSMAN, SENIOR DRAUGHTSMAN AND S.T.A., I.I.P., 1961-87; SCIENTIST A, I.I.P. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : DESIGNING & PREPARATION OF DRAWINGS FOR MACHINES, PRESSURE VESSELS, PIPING, ETC.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV.- 29.

3289

SHRI PRAN NATH KAPOOR; (B. SEPTEMBER 6, 1942),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : I.T.I. FITTING - U.P '68.

SPECIALISATIONS : FABRICATION.

EXPERIENCE : FITTER, EVER GREAN INDEX, NEW DELHI, 1957-59; FITTER, ORIENT INDURIAL CORP, NEW DELHI, 1959-61; FITTER, MECHANICO MFG. ENGG., NEW DELHI, 1961-63; FITTER, C.E.E.R.I, PILANI, 1962-64; FINE MECH., J.T.A. AND S.T.A., I.I.P., 1964-91; TECHNICAL OFFICER (A), I.I.P. SINCE JANUARY, 1991.

PRESENT ACTIVITIES : WORKSHOP, ENGINEERING SERVICES.

LANGUAGES : HINDI, ENGLISH.

3290

SHRI K K KAUL; (B. MARCH 15, 1946),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : INTER-SCIENCE - J & K '64; PRAVEEN & PRAGYA IN HINDI DIRECTORATE OF EDUCATION - DELHI '68; CERTIFICATE IN PUBLIC RELATION EXHIBITION - (IFP) FRANCE '83; CERTIFICATE COURSE IN PUBLIC RELATIONS FOR PUBLIC SECTOR ENTERPRISES - I.I.M.C., DELHI '84; PROFESSIONAL DIPLOMA IN PUBLIC RELATIONS MANAGEMENT - INDIAN INSTITUTE OF PUBLIC RELATIONS, BARODA '85.

SPECIALISATIONS : PUBLIC RELATIONS MANAGEMENT; INDUSTRIAL LIAISON; EXHIBITIONS.

EXPERIENCE : J.L.A., S.L.A., J.T.A. AND S.T.A.(PR), I.I.P., 1966-87; TECHNICAL OFFICER (A), I.I.P. JUNE, 1987.

PRESENT ACTIVITIES : PUBLIC RELATIONS.

LANGUAGES : HINDI, KASHMIRI, URDU, ENGLISH, FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 4.

AWARDS & DISTINCTIONS : IIP BEST WORKER AWARD, 1969; IIP BEST ORGANISER, 1985.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 9, OTHERS - 17.

3291

SHRI J K KUMAR; (B. JANUARY 8, 1944),

ASSISTANT ENGINEER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : INTERMEDIATE, DIPLOMA IN CIVIL ENGG.

SPECIALISATIONS : CIVIL ENGINEERING.

EXPERIENCE : OVERSEES (CIVIL), 1970-73; JR. ENGINEER, 1973-81; JR. ENGINEER GRADE II, 1981-88; ASSISTANT ENGINEER, I.I.P. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : ENGINEERING SERVICES (CIVIL ENGG.)

LANGUAGES : HINDI, URDU, PANJABI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : 25.

3292

MR VIJAY KUMAR; (B. NOVEMBER 14, 1946),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : M.SC. CHEMISTRY - GARHWAL '76.

SPECIALISATIONS : ADDITIVE FUELS; LUBRICANTS.

EXPERIENCE : CHEMICAL OPERATION, I.D.P.L., 1971-76; S.L.A., J.S.A. AND S.S.A., I.I.P., 1976-89; SCIENTIST A, I.I.P. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : RESEARCH ON ADDITIVE FUELS & LUBRICANTS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 4,PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 17, OPERATION - 5.

3293

SHRI MAHIPAL; (B. JULY 15, 1956),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA AUTOMOBILE ENGINEERING - EDUCATION BOARD, LUCKNOW '78.

SPECIALISATIONS : GARRAGE ORGANISATION AND TRANSPORT MANAGEMENT.

EXPERIENCE : J.T.A., S.T.A., I.I.P., 1980-90; TECHINAL OFFICER (A), I.I.P. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : TESTING; TECHNOLOGY DEVELOPMENT & MAINTENANCE; LUBRICATION EVALUATION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5, TESTING - 12, OPERATION - 12, MAINTENANCE - 12.

3294

SHRI C B NAUTIYAL; (B. OCTOBER 20, 1939),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '73; ASSOCIATE INSTITUTE OF CHEMIST '86.

SPECIALISATIONS : PHYSICO-CHEMICAL ANALYSIS OF PETROLEUM PRODUCTS.

EXPERIENCE : J.L.A., S.L.A, J.T.A., & S.T.A., I.I.P., 1966-87; TECHNICAL OFFICER (A), I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : PHYSICO-CHEMICAL ANALYSIS OF PETROLEUM PRODUCTS AND THEIR EVALUATION.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECHNICAL REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : 25.

3295

SHRI J R NEGI; (B. FEBRUARY 15, 1936),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

EXPERIENCE : MECHANIC, FINE MECHANIC, JR. FOREMAN, SR. FOREMAN, I.I.P., 1962-87; TECHNICAL OFFICER (A), I.I.P. SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : SUPERVISION OF THE TEST VEHICLES.

LANGUAGES : HINDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : 30.

3296

SHRI GURU PRASAD; (B. NOVEMBER 1, 1942),

TECHNICAL OFFICEP. (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : INTER SCIENCE U.P. '69.

EXPERIENCE : LAB. ASSTT., J.L.A., S.L.A., J.T.A. AND S.T.A., I.I.P., 1969-87; TECHNICAL OFFICER (A), I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 24, PATENTS TAKEN : 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION- 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 16, PILOT PLANT - 2.

3297

SHRI A K SAXENA; (B. FEBRUARY 10, 1953),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '73; M.SC. CHEMISTRY - AGRA '76.

SPECIALISATIONS : PHYSICAL CHEMISTRY.

EXPERIENCE : J.L.A., J.S.A., AND S.S.A., I.I.P. DEHRADUN, 1978-88; TECHNICAL OFFICER (A), I.I.P. SINCE FEBURARY, 1988.

PRESENT ACTIVITIES : PREPARATION & DEVELOPMENT OF CAT FOR PETROLEUM REFINERY, CATALYSIS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 15.

3298

MR U D SEMWAL; (B. AUGUST 15, 1977),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - MEERUT '73; M.SC. ORGANIC CHEMISTRY - GARHWAL '82; LL.B. TAXATION - GARHWAL '77.

EXPERIENCE : SHIFT OPERATION, J.L.A., S.L.A., J.S.A., S.T.O., I.I.P., DEHRADUN, 1969-86; TECHNICAL OFFICER (A), I.I.P. SINCE FEBURARY, 1989.

PRESENT ACTIVITIES : PHYSICO-CHEMICAL ANALYSIS OF PETROLEUM PRODUCTS, LUBES & FUELS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 17, PILOT PLANT - 5.

3299

SHRI G P SHARMA; (B. FEBRUARY 2, 1941),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. VIKRAM '64.

SPECIALISATIONS : HYDROPROCESSING.

EXPERIENCE : S.L.A., J.T.A. AND S.T.A., I.I.P., 1967-87; TECHNICAL OFFICER (A), I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : HYDROCRACKING TECHNOLOGY DEVELOPMENT.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 37, PROCESS UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 24.

3300

SHRI K G SHARMA; (B. JUNE 5, 1939),

TECHNICAL OFFICER (A). INDIAN INSTITUTE OF PETROLEUM. DEHRA DUN.

QUALIFICATIONS : I.SC. - ALLAHABAD BOARD '58.

EXPERIENCE : J.L.A. S.L.A., J.T.A. AND S.T.A., I.I.P., 1964-87; TECHNICAL OFFICER (A). I.I.P. SINCE JUNE, 1987.

PRESENT ACTIVITIES : APPLIED RESEARCH IN PETROLEUM.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPER - 5. TECHNICAL REPORT - 9, PATENTS FILED - 1, PROCESSES DEV. - 2.

AWARDS & DISTINCTIONS : BEST WORKER AWARD. I.I.P., 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 25, TESTING - 25.

3301

SHRI M N SHARMA; (B. MAY 6, 1941),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC. - AGRA '65; I.T.I. IN INSTRUMENTATION.

SPECIALISATIONS : INSTRUMENTATION.

EXPERIENCE : J.L.A., FINE MECHANIC, J.T.A. AND S.T.A.. I.I.P., 1967-86; TECHNICAL OFFICER (A), I.I.P. SINCE JUNE, 1986.

PRESENT ACTIVITIES : REPAIR & MAINTENANCE OF LABORATORY INSTRUMENTS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : REPAIR & MAINTENANCE OF LABORATORY INSTRUMENTS - 23.

3302

SHRI A K SINGH; (B. DECEMBER 20, 1950),

SCIENTIST A, INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - MAGADH '70; A.I.C. FUEL & WATER ANALYSIS - INSTITUTION OF CHEMIST '78.

SPECIALISATIONS : ADDITIVE FUELS AND LUBRICANTS; FUEL AND WATER ANALYSIS.

EXPERIENCE : TRANEES, N.E.E.R.I., NAGPUR, 1978; J.L.A.. I.I.P., (CSIR), 1978-81; J.L.A., S.L.A., J.S.A. AND S.S.A., I.I.P., DEHRADUN, 1981-89; SCIENTIST A, I.I.P. SINCE FEBURARY, 1989.

PRESENT ACTIVITIES : R & D IN FUELS & ADDITIVES.

LANGUAGES : HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. TECH. REPORTS - 6. ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5. APP. RES. - 17, TESTING - 2.

3303

SHRI INDER PAL SINGH; (B. AUGUST 20, 1950),

TECHNICAL OFFICER (A), INDIAN INSTITUTE OF PETROLEUM, DEHRA DUN.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, U.P '70.

SPECIALISATIONS : FUEL ECONOMY; MONITORING APPLICATION OF METHANOL AS AN ALTERNATIVE FUEL IN GASOLINE & CHIESEL; OPERATION OF CHASSIS DYNAMOMETERS.

EXPERIENCE : EEM, BORDER ROADS ORGANISATION, 1970-80; J.T.A. AND S.T.A., I.I.P., 1980-90; TECHINAL OFFICER (A), I.I.P. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : STUDIES ON FUEL QUALITY.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORT - 26. AWARDS & DISTINCTION: SANGRAM MEDAL, GOVT. OF INDIA, 1971.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 22, DOCUMENTATION - 22.

CENTRAL FUEL RESEARCH INSTITUTE

3304

SHRI KOTUR S NARASIMHAN; (B. MAY 15, 1939),

DIRECTOR, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. CHEMISTRY - MYSORE UNIV.; D.I.I.SC. CHEM. TECH., CHEM. ENGG. - I.I.SC., BANGALORE; PH.D FUEL TECH., CHEM. ENGG. - SHEFFIELD UNIV. U.K.

SPECIALIZATIONS : LIQUID-LIQUID EXTRACTION; CARBON FORMATION IN FLAMES; COAL GASIFICATION; MINERAL PROCESSING; FUEL TECHNOLOGY; CHEMICAL METALLURGY; COAL PREPARATION AND UTILISATION.

EXPERIENCE : SCIENTIST C, REGIONAL RESEARCH LAB., BHUBNESWAR 1965-1971; SCIENTIST EI, REGIONAL RESEARCH LAB.. BHUBNESWAR 1971-1979; SCIENTIST EII, REGIONAL RESEARCH LAB., BHUBNESWAR 1979-1983; SCIENTIST F, REGIONAL RESEARCH LAB., BHUBNESWAR 1983-1991; DIRECTOR. CENTRAL FUEL RESEARCH INSTITUTE SINCE NOVEMBER '92.

PRESENT ACTIVITIES : R & D MANAGEMENT.

VISITED : U.K., U.S.A., SWEDEN, CHINA, MONGOLIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, SCIENTIFIC BOOKS - 4.

PROFESSIONAL EXPERIENCE : BASIC RES., APPLIED RES., TECHNICAL DEV., PILOT PLANT, CONSULTANCY, R & D MANAGEMENT, ADMINISTRATION, EDITING.

3305

DR R HAQUE; (B. NOVEMBER 14, 1937),

SCIENTIST (DIRECTOR'S GRADE). CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - CALCUTTA '56; M.SC.(TECH) APPLIED CHEMISTRY - CALCUTTA '59; PH.D. MINERALS ENGINEERING - UNIVERSITY OF BIRMINGHAM, U.K. '65.

SPECIALIZATIONS : APPLIED CHEMISTRY; FUEL TECHNOLOGY; COAL R & D.

EXPERIENCE : J.R.F. AND S.S.A., CALCUTTA UNIVERSITY, CALCUTTA, 1960-61; S.S.A., C.F.R.I., 1961-62; BURMAH SHELL OVERSEAS RESEARCH FOR PH.D AND POST- DOCTORATE RESEARCH FELLOW, UNIVERSITY OF BIRMINGHAM, 1962-66; SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, R.R.L., JORHAT, 1966-80; RESEARCH MANAGER AND PROJECT CO-ORDINATOR, RDCIS, SAIL, RANCHI, 1980-85; DIRECTOR, C.F.R.I., 1985-91; SCIENTIST (DIRECTOR'S GRADE), C.F.R.I. SINCE JULY, 1991.

PRESENT ACTIVITIES : COAL R&D AND RESEARCH MANAGEMENT.

LANGUAGES : BENGALI, HINDI, URDU, ENGLISH.

VISITED : U.K., W. GERMANY, U.S.A., CANADA, FRANCE, HOLLAND, U.S.S.R., BELGIUM.

PUBLICATIONS & PATENTS : RES. PAPERS - 65, PATENTS TAKEN - 13. PATENTS FILED - 3, PROCESSES DEVELOPED -12, PROCESSES UNDER UTILISATION -10.

AWARDS & DISTINCTIONS : SIR GANGA RAM MEMORIAL GOLD MEDAL FOR THE BEST PAPER, INSTITUTION OF ENGINEERS (INDIA), 1975-76.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, TECH. DEV. -8; R & D MGMT. - 25.

3306

SHRI P K BANDYOPADHYAY; (B. APR. 1, 1945),

SCIENTIST F, CENTRAL FUEL RESEARCH INSITUTE, DHANBAD

QUALIFICATION : B.E. MECHANICAL ENGINEERING - JADAVPUR '65; INTER I.C.W.A. - I.C.W.A.I., CALCUTTA '70

SPECIALISATIONS : MECHANICAL ENGINEERING; DIRECT REDUCTION OF IRON ORE; CUMBUSTION TECHNOLOGY; DESIGN OF PROCESS PLANT EQUIPMENTS.

EXPERIENCE : J.E. AND GRADUATE ENGINEER, ROURKELA STEEL PLANT, 1965-70; DESIGN ENGINEER AND SR. DESIGN ENGINEER, CEDB, HSL; RANCHI, 1970-78; ASST. RESEARCH MANAGER AND PRINCIPAL RESEARCH MANAGER, SAIL, RANCHI, 1978-88; SCIENTIST F, C.F.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : APPLIED RESEARCH, DESIGN AND ENGINEERING.

LANGUAGES : BENGALI, ENGLISH, HINDI, RUSSIAN, SANSKRIT.

VISITED : U.S.S.R., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 10, PATENTS TAKEN -3.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 8, APPLIED RESEARCH - 12, DESIGN - 8, TECHNICAL DEV. - 8, PILOT PLANT - 8, CONSULTANCY - 8, R & D MANAGEMENT - 12, CONSTRUCTION - 4, OPERATION - 6, TESTING - 8, MAINTENANCE - 5, IND. MANAGEMENT - 5.

3307

DR KALYAN SEN; (B. APRIL 18, 1945),

SCIENTIST F, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.E. MINING - CALCUTTA '67; P.G. (MINERAL DRESSING) MINERAL BENEFICIATION - ACADEMY OF MINING AND METALLURGY, KRAKOW, POLAND '72; PH.D. COAL FLOTATION - ACADEMY OF MINING AND METALLURGY, KRAKOW, POLAND '73.

SPECIALIZATIONS : COAL BENEFICIATION: DESIGN OF COAL WASHING EQUIPMENT AND PLANTS; MATHEMATICAL MODELLING.

EXPERIENCE : MINING ENGINEER AND SENIOR MINING ENGINEER, BHARAT COKING COAL LTD., DHANBAD, 1974-78; SCIENTIST EI AND SCIENTIST EII,C.F.R.I., 1978-92; SCIENTIST F, C.F.R.I. SINCE MAY, 1992.

PRESENT ACTIVITIES : R&D & RESEARCH MANAGEMENT IN COAL BENEFICIATION; TECHNOLOGY TRANSFER: ENGINEERING CONSULTANCY IN COAL AND MINERAL BENEFICATION PLANTS; PIPE LINE TRANSPORTATION OF COAL SLURRY; TECHNICAL AUDITING OF WASHERIES.

LANGUAGES : BENGALI, HINDI, ENGLISH, POLISH, GERMAN, RUSSIAN.

VISITED : POLAND, W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 19, ARTICLES - 10, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1, PATENT -1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 14, DESIGN - 9, TECH. DEV. - 6, PILOT PLANT - 6, CONSULTANCY - 2, R&D MGMT. - 5, CONSTN. - 2, OPERATION - 5, TESTING - 14, QUALITY CONTROL - 12, MAINTENANCE - 4, PRODUCTION - 3, INDUSTRIAL MGMT. - 5.

TEACHING - 8, SURVEY OF NATURAL RESOURCES - 4, TECHNO-ECONOMIC SURVEYS - 6, PLANNING

3308

SHRI KUNDA SINGH; (B. JULY 10, 1935),

SCIENTIST F, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - DELHI '55; DIPLOMA IN FUEL TECHNOLOGY - CITY AND GUILDS, UK '64; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '73.

SPECIALIZATIONS : COAL CARBONISATION; FUEL TECHNOLOGY.

EXPERIENCE : S.L.A., A.T.O., S.T.A., J.S.O., SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.F.R.I., 1956-88; (ALSO HIGHER TRAINING IN COAL CARBONISATION, POLAND, 1970): SCIENTIST F, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R&D IN COAL CARBONISATION.

LANGUAGES : PUNJABI, HINDI, BENGALI, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 26, TECH. REPORTS - 84, PATENTS FILED - 4, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILIZATION - 4.

AWARDS & DISTINCTIONS : NATIONAL METALLURGISTS' DAY AWARD FOR OUTSTANDING CONTRIBUTION IN FUEL TECHNOLOGY, 1972; BEST RESEARCH PAPER AWARD, COKE OVEN MANAGERS' ASSOCIATION (UK), 1964.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, DESIGN - 2, TECH. DEV. - 4, PILOT PLANT - 3, CONSULTANCY - 2, R&D MGMT. - 8, OPERATION - 5, TESTING - 1.

3309

DR S K VERMA; (B. JANUARY 1, 1943),

SCIENTIST F, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - RANCHI '66; M.E. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '68; PH.D. CHEMICAL ENGINEERING - I.I.SC., BANGALORE '74.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; COAL PROCESSING TECHNOLOGY; CHEMICAL PROCESS AND PLANT DESIGN; PILOT PLANT AND SCALE-UP; PROCESS DEVELOPMENT; COAL LIQUEFACTION; COAL COMBUSTION.

EXPERIENCE : PROJECT OFFICER, M/S JEEVAN JYOT CHEMICALS PVT. LTD., THANE, 1968-69; SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, C.F.R.I. 1973-92; (ALSO ADVANCED TRAINING IN CHEMICAL ENGINEERING AND COAL SCIENCE & TECHNOLOGY, W.GERMANY - 15 MONTHS AND U.K. - 15 DAYS 1978-79 AND PART TIME LECTURER, B.I.T., SINDRI, 1981-87); SCIENTIST F, C.F.R.I. SINCE MAY, 1992.

PRESENT ACTIVITIES : R & D AND R & D MANAGEMENT.

LANGUAGES : HINDI, ENGLISH, GERMAN, FRENCH.

VISITED : W. GERMANY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 8, PATENTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 22, DESIGN - 20, PILOT PLANT - 18, R&D MGMT. - 14.

3310

SHRI N N BANERJEE; (B. MARCH 12, 1942),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) PHYSICS - RANCHI '61; M.SC. PHYSICS - RANCHI '63.

SPECIALIZATIONS : EMISSION SPECTROSCOPY; MASS SPECTROMETRY; ATOMIC ABSORPTION SPECTROSCOPY; INFRARED SPECTROSCOPY.

EXPERIENCE : LECTURER, ST. XAVIER'S COLLEGE, RANCHI, 1963; S.R.F., SCIENTIST B AND SCIENTIST C, C.F.R.I., 1963-82; SCIENTIST EI, C.F.R.I., 1983-87, SCIENTIST EII, C.F.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., SURVEY OF NATURAL RESOURCES (TOTAL: 23 YEARS).

3311

SHRI T K BASU; (B. AUGUST 16, 1936),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - JADAVPUR '57.

SPECIALIZATIONS : COAL CARBONISATION TECHNOLOGY; BRIQUETTING AND FORMED COKE TECHNOLOGY.

EXPERIENCE : J.T.A., S.T.A., SCIENTIST B AND SCIENTIST C, C.F.R.I., 1958-81; SCIENTIST EI, C.F.R.I.,1981-87; SCIENTIST EII, C.F.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R&D IN COAL CARBONISATION AND FORMED COKE TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, DESIGN - 5, TECH. DEV. - 5, PILOT PLANT - 15, OPERATION - 10, TESTING - 5, MAINTENANCE - 10.

3312

DR D P BHATTACHARYYA; (B. AUGUST 2, 1939),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BIHAR '60; M.SC. CHEMISTRY - RANCHI '62; PH.D. CHEMISTRY - IIT, KHARAGPUR '66.

SPECIALIZATIONS : CATALYSIS AND ADSORPTION; SOLID STATE CHEMISTRY; CHEMICAL KINETICS; HIGH PRESSURE TECHNOLOGY.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1967-86; SCIENTIST EII, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 28.

3313

DR C N CHATTERJEE; (B. JUNE 2, 1942),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '61; M.SC. GEOLOGY - CALCUTTA '63; PH.D. APPLIED GEOLOGY - I.S.M., DHANBAD'86.

SPECIALIZATIONS : COAL PETROLOGY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENSTIST C, C.F.R.I., 1964-89; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : STUDIES ON COAL GEOLOGY AND COAL PETROLOGY.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 26.

3314

DR S K CHATTERJI; (B. MAY 21, 1939),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.SC. CHEMISTRY - PATNA '60; PH.D. CHEMISTRY - RANCHI '75.

SPECIALIZATIONS : CATALYSIS AND ADSORBENTS; REACTION KINETICS OF HETEROGENOUS SYSTEMS; RESEARCH TECHNIQUES IN CHEMISTRY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST EI, C.F.R.I., 1961-82; (ALSO POST GRADUATE COURSE IN RESEARCH TECHNIQUES IN CHEMISTRY, UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA, 1971); SCIENTIST EII, C.F.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS AND ADSORBENTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, REVIEW PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 29, APP. RES. - 29.

3315

DR C K DAS; (B. OCTOBER 11, 1944),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - UTKAL '62; M.SC. ORGANIC CHEMISTRY - UTKAL '64; D.I.I.T. HIGH PRESSURE TECHNOLOGY - I.I.T.. KHARAGPUR '65; PH.D. APPLIED CHEMISTRY - I.I.T.. KHARAGPUR '70.

SPECIALIZATIONS : HIGH PRESSURE TECHNOLOGY AND TECHNICAL GAS REACTIONS; FISCHER-TROPSCH SYNTHESIS; GAS CHROMATOGRAPHY; ORGANIC SYNTHESIS; CATALYSIS.

EXPERIENCE : RESEARCH CHEMIST. SYNTHETICS & CHEMICALS LTD., BAREILLY, 1965-66: SCIENTIST B AND SCIENTIST C, C.F.R.I., 1970-81; (ALSO DAAD FELLOW FOR RESEARCH IN FISCHER-TROPSCH SYNTHESIS IN LIQUID-PHASE, W.GERMANY. 1975-77); SCIENTIST EI, C.F.R.I., 1981-87; (ALSO REINVITED AS DAAD FELLOW, W. GERMANY, 1985). SCIENTIST EII, C.F.R.I. SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI. HINDI, ORIYA, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, REVIEW ARTICLES - 1, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 20.

3316

DR A K GHOSH; (B. JANUARY 1, 1938),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '59; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '64; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67. PH.D APPLIED CHEMISTRY - I.S.M., DHANBAD '89.

SPECIALIZATIONS : HETEROGENOUS CATALYSIS: COAL TAR CHEMICALS.

EXPERIENCE : J.T.A., S.S.A.. SCIENTIST A. SCIENTIST B. SCIENTIST C AND SCIENTIST EI. C.F.R.I., 1959-82; SCIENTIST EII, C.F.R.I. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : CATALYTIC OXIDATION OF AROMATIC HYDROCARBONS AND ISOIATION OF TAR CHEMICALS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 4, PATENTS TAKEN - 3, PATENTS FILED - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 31, PILOT PLANT - 10.

3317

DR O K GUHA; (B. MAY 3, 1937),

SCIENTIST EII. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - RAJSHAHI '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66; PH.D. CHEMISTRY - CZECHOSLOVAK ACADEMY OF SCIENCES, CZECHOSLOVAKIA '73.

SPECIALIZATIONS : CHROMATOGRAPHIC SCIENCE; COAL SCIENCE.

EXPERIENCE : JUNIOR CHEMIST, F.C.I. LTD., SINDRI, 1958-62; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1962-88; SCIENTIST EII, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA, THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

AWARDS & DISTINCTIONS : SCIENTIFIC AWARD FOR CONTRIBUTION IN CHROMATOGRAPHIC SCIENCE, CZECHOSLOVAK ACADEMY OF SCIENCES, 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, TESTING - 6, QUALITY CONTROL - 3.

3318

DR S R GUN; (B. APRIL 26, 1941),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '62; M.SC. CHEMISTRY - CALCUTTA '64; D.PHIL. CHEMISTRY - CALCUTTA '70.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; REACTION KINETICS; COAL HYDROGENATION.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTSIT EI, C.F.R.I., 1970-86; SCIENTIST EII, C.F.R.I. SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 20, TEACHING - 2.

3319

SHRI P S R KRISHNA; (B. JANUARY 3, 1936),

SCIENTIST EII, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : M.SC. - APPLIED GEOLOGY - ANDHRA '57; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, U.K.

SPECIALIZATIONS : GEOLOGICAL SAMPLING; COAL EXPLORATION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1958-87; SCIENTIST EII, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : GEOLOGICAL SAMPLING; PREPARATION OF REPORTS; R & D PROJECTS PLANNING.

LANGUAGES : TELUGU, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 29, PROJECT REPORTS- 1

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT. - 26, SURVEY OF NATURAL RESOURCES - 20.

3320

DR P K MITRA; (B. AUGUST 15, 1937),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; ADVANCED GRADE FUEL TECHNOLOGY - C. & G. INSTITUTE, LONDON, UK '70; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '70; PH.D. FUEL ENGINEERING - I.S.M. '84.

SPECIALIZATIONS : COAL CARBONISATION; ANALYSIS OF COAL, COKE AND SILICATES; FUEL TECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI,C.F.R.I.,1958-88; SCIENTIST EII, C.F.R.I.,SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN COAL CARBONISATION & ALLIED FIELDS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECH. REPORTS - 50, REVIEW PAPERS - 3.

AWARDS & DISTINCTIONS : SILVER MEDAL FOR THE BEST PAPER, COKE OVEN MANAGERS' ASSOCIATION(UK), 1968.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 28, TESTING - 32.

3321

DR A K MUKHERJEE; (B. JULY 14, 1941),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - B.H.U. '58; M.SC. GEOLOGY - B.H.U. '60; PH.D. GEOLOGY - B.H.U. '78.

SPECIALIZATIONS : COAL GEOLOGY AND COAL PETROLOGY; COAL METAMORPHISM; SEDIMENTOLOGY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1961-88; SCIENTIST EII, C.F.R.I. SINCE JANUARY 1988.

PRESENT ACTIVITIES : R & D IN COAL GEOLOGY AND RESOURCE QUALITY ASSESSMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, TECH. REPORTS - 22.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30, APP. RES. - 30.

3322

SHRI K RAJA; (B. NOVEMBER 6, 1935),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - MADRAS '55; A.M.I.F. FUEL TECHNOLOGY - INSTITUTE OF FUEL, LONDON, U.K. '64.

SPECIALIZATIONS : COAL CARBONISATION; FUEL TECHNOLOGY.

EXPERIENCE : S.L.A., SHIFT FOREMAN, A.T.O., TECHNICAL OPERATOR, S.S.O.II/SCIENTIST B, SCIENTIST C AND SCIEN-

TIST EI. C.F.R.I.. 1956-85; SCIENTIST EII. C.F.R.I. SINCE APRIL. 1985.

PRESENT ACTIVITIES : R&D AND RESEARCH MANAGEMENT IN COAL CARBONISATION. -

LANGUAGES : TAMIL, MALAYALAM, HINDI, SANSKRIT. ENGLISH, FRENCH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 85. TECH. REPORTS - 105. BOOK REVIEWS - 1, MONOGRAPHS - 2, PATENTS TAKEN - 3, PATENTS FILED - 3, PROCESSES DEVELOPED - 2.

AWARDS & DISTINCTIONS : SILVER MEDAL FOR BEST RESEARCH PAPER, COKE OVEN MANAGERS' ASSOCIATION (UK), 1964; SIR GANGA RAM MEMORIAL GOLD MEDAL FOR BEST RESEARCH PAPER, INSTITUTION OF ENGINEERS(INDIA). 1972, 1979; FELLOW, INDIAN CHEMICAL SOCIETY, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, APP. RES. - 24, PILOT PLANT - 10, R&D MGMT. - 14, OPERATION - 10, TESTING - 34, QUALITY CONTROL - 10, MAINTENANCE - 10, TEACHING - 1.

3323

DR S K ROY; (B. JULY 1, 1936),

SCIENTIST EII. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC.- CALCUTTA '57; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '65; PH.D. APPLIED CHEMISTRY - I.S.M. '82 POST GRADUATE COURSE IN RESEARCH TECHNIQUES IN CHEMISTRY. UNIVERSITY OF SOUTH WALES, AUSTRALIA, 1971.

SPECIALIZATIONS : PROCESSING AND UTILIZATION OF COAL CARBONISATION BY-PRODUCTS; SYNTHESIS OF AROMATIC HYDROXY COMPOUNDS; OXIDATION OF AROMATIC HYDROCARBONS AND NITROGEN HETEROCYCLES; RESEARCH TECHNIQUES IN CHEMISTRY.

EXPERIENCE : ASSISTANT TEACHER, NETAJEE HIGH SCHOOL, TAHERPUR, 1957-58; SUPERVISOR, DEFENCE METALLURGICAL RESEARCH LABORATORY, MURADNAGAR, 1958; JUNIOR CHEMIST, SINDRI FERTILISERS AND CHEMICALS, SINDRI, 1958-60; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1960-89: SCIENTIST EII, C.F.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : R&D IN UTILISATION OF COAL CARBONISATION BY-PRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, PATENTS TAKEN - 11, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, R&D MGMT. - 18, TESTING - 2, QUALITY CONTROL - 2, TEACHING - 1.

3324

DR SISIR KUMAR ROY; (B. OCTOBER 10, 1939),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '59; M.SC. CHEMISTRY - RANCHI '61; M.TECH. APPLIED CHEMISTRY - I.I.T., KHARAGPUR '63; PH.D. CHEMISTRY - RANCHI '79.

SPECIALIZATIONS : CHEMISTRY; CHEMICALS FROM COAL CARBONISATION BY-PRODUCTS; INDUSTRIAL ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY; CATALYSTS FOR ORGANIC CHEMICAL TRANSFORMATIONS

EXPERIENCE : LECTURER, K.C. COLLEGE, HETAMPUR, 1963-64; S.R.F., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1964-85; (ALSO HIGHER TRAINING IN SYNTHESIS OF BIOLOGICALLY ACTIVE DERIVATIVES FROM TAR-CHEMICALS, U.K., 1968-69); SCIENTIST EII, C.F.R.I. SINCE APRIL, 1985; TRAINING IN THE OPERATION OF CATA TEST UNIT, FRANCE. 1987; CATALYTIC TRANSORMATION OF ALDEHYDES & AMMONIA TO PYRIDINE BASES, U.S.S.R., 1990.

PRESENT ACTIVITIES : R&D AND RESEARCH MANAGEMENT IN APPLICATION OF CATALYSTS FOR ORGANIC CHEMICAL PRODUCTION, RECOVERY AND UTILISATION OF CHEMICALS FROM COAL CARBONISATION BYPRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : U.K., U.S.S.R., FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 50. TECH. REPORTS - 5, PATENTS TAKEN - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 24, PILOT PLANT - 1, CONSULTANCY - 2, R&D MGMT. - 5, TEACHING - 1, ADMN. - 5.

3325

DR P SAMUEL; (B. JULY 1, 1945),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - ANDHRA '62; M.SC. PHYSICAL CHEMISTRY - ANDHRA '64; PH.D. PHYSICAL CHEMISTRY - MADRAS '70.

SPECIALIZATIONS : CATALYST DEVELOPMENT/CHARACTERISATION; CATALYTIC HYDROTREATMENT OF COAL HYDROGENATED OILS; PHYSICAL CHEMISTRY; SOLID GAS INTERACTION.

EXPERIENCE : ASSISTANT LECTURER, A.P. EDUCATIONAL SERVICE, 1964-69; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1969-87; (ALSO STUDY ON THE STATUS STUDY OF COAL CONVERSION TECHNOLOGY FOR PRODUCTION OF LIQUID FUELS, W.GERMANY, 1979); SCIENTIST EII, C.F.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : CATALYST AND PROCESS DEVELOPMENT.

LANGUAGES : TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 12: TECH REPORTS -3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 21, TESTING - 12. TEACHING - 1, COMPUTER PROCESSING - 3.

3326

SHRI SAMIR SEN; (B. FEBRUARY 11, 1937),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE. DHNBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - DELHI '56; CERTIFICATE IN JOURNALISM - LIT HOUSE & P.I.I. LUCKNOW, 1970; DIPLOMA IN MASS COMMUNICATION - I.I.M.C., NEW DELHI '73.

SPECIALIZATIONS : INFORMATION SCIENCE; EDITING; PUBLIC RELATIONS; LIAISON AND TECHNOLOGY TRANSFER.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B. SCIENTIST C. AND SCIENTIST EI C.F.R.I. 1957-87; SCIENTIST EII. C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : COORDINATION. PUBLICATION. INFORMATION DISSEMINATION, LIAISON AND PUBLIC RELATIONS.

LANGUAGES : BENGALI, HINDI, ENGLISH. FRENCH.

PUBLICATIONS & PATENTS : ARTICLES - 52.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNOLOGY TRANSFER - 24, ADMN. - 25, EDITING - 26. INFORMATION DISSEMINATION AND LIAISON - 26. COORDINATION - 15. PUBLICATION - 33.

3327

DR SUBHASIS SEN; (B. MARCH 9, 1936),

SCIENTIST EII. COAL SURVEY LABORATORY. NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - BIHAR '57; M.SC. GEOLOGY - JADAVPUR '60; PH.D. GEOLOGY - NAGPUR '74.

SPECIALIZATIONS : GEOLOGY; COAL PETROLOGY; COAL SURVEYS; GLOBAL TECTONICS.

EXPERIENCE : S.S.A., SCIENTIST A. SCIENTIST B. SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1961-88: SCIENTIST EII. C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : COAL SURVEYS.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 60. TECH. REPORTS - 30. ARTICLES - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 5, R&D MGMT. - 10, SURVEY OF NATURAL RESOURCES - 30, PLANNING - 15.

3328

SHRI SIDDHARTHA SENGUPTA; (B. DECEMBER 5, 1937),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) GEOLOGY - CALCUTTA '59; M.SC. GEOLOGY - CALCUTTA '61.

SPECIALIZATIONS : COAL GEOLOGY; RESOURCE QUALITY ASSESSMENT OF COAL; REFLECTED LIGHT MICROSCOPY; SEDIMENTARY PETROLOGY; COAL METAMORPHISM.

EXPERIENCE : SENIOR SCIENTIFIC SURVEYOR, GEOLOGICAL SURVEY OF INDIA. 1962-63: SCIENTIST A. SCIENTIST B. SCIENTIST C AND SCIENTIST EI. C.F.R.I.. 1963-87: SCIENTIST EII, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ON COAL.

LANGUAGES : BENGALI. ENGLISH.

PUBLICATIONS & PATENTS : RESEARCH PAPERS -7. TECH. REPORTS -26, AUNNAL REP -28.

AWARDS & DISTINCTIONS : FELLOW, GEOLOGICAL, MINING AND METALLURGICAL SOCIETY OF INDIA; MEMBER. MINING. GEOLOGICAL AND METALLURGICAL INSTITUTE OF INDIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30. APP. RES. - 30. SURVEY OF NATURAL RESOURCES - 28. TECHNO-ECONOMIC SURVEYS - 28.

3329

SHRI DHARMA NATH SINGH; (B. JANUARY 6, 1941),

SCIENTIST EII. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC.(HONS) - BIHAR '61; M.SC. CHEMISTRY - PATNA '69.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; SYNTHESIS OF DYES AND PHARMACEUTICAL INTERMEDIATES; COAL CHEMISTRY: ENVIRONMENTAL POLLUTION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.F.R.I., 1962-88: (ALSO HIGHER TRAINING IN SYNTHETIC ORGANIC CHEMISTRY AND COAL SCIENCE, POLAND, 1972-73); SCIENTIST EII. C.F.R.I. SINCE MARCH. 1988.

PRESENT ACTIVITIES : R&D IN COAL SCIENCE AND COAL PRODUCTS & CHEMICALS; STUDIES ON ENVIRONMENTAL POLLUTION.

LANGUAGES : HINDI, ENGLISH.

VISITED : POLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 10. TECH. REPORTS - 2, PATENTS TAKEN - 1. PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 28.

3330

DR GULAB SINGH; (B. MARCH 1, 1943),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. AGRICULTURE - ALLAHABAD '62; M.SC. AGRICULTURAL CHEMISTRY - ALLAHABAD '64; D.PHIL. AGRICULTURAL CHEMISTRY - ALLAHABAD '67; DIPLOMA IN FRENCH - ALLAHABAD '66.

SPECIALIZATIONS : AGRICULTURAL CHEMISTRY; FERTILISER TESTING; COAL CHEMISTRY AND COAL SCIENCE; OXIDATION OF COAL; ENVIRONMENTAL SCIENCE.

EXPERIENCE : S.R.F., SCIENTIST B. SCIENTIST C AND SCIENTIST EI C.F.R.I, 1968-87; SCIENTIST EII. C.F.R.I. SINCE SEPTEMBER. 1987.

PRESENT ACTIVITIES : R&D IN ENVITONMENTAL POLLUTION ARISING OUT OF COAL-BASED INDUSTRIES AND ABATEMENT; UTILISATION OF FLY ASH IN AGRICULTURE; ENVIROMENTAL IMPACT OF COAL ASH DISPOSAL AND UTILISATION; BIOCONVERSION OF ORGANIC WASTE INTO LIQUID FUEL .

LANGUAGES : HINDI. BENGALI. ENGLISH. FRENCH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26. APP. RES. - 20. TESTING - 15. MAINTENANCE - 13. PRODUCTION - 6. ADMN. - 20. R & D MANAGEMENT - 10.

3331

SHRI S G TUMULURI; (B. DECEMBER 27, 1935),

SCIENTIST EII, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS.) CHEMISTRY - ANDHRA'55; M.SC. ANALYTICAL CHEMISTRY - ANDHRA'56.

SPECIALIZATIONS : COAL RESOURCE DATA PROCESSING; COAL SCIENCE; INSTRUMENTAL ANALYSIS; COAL CLASSIFICATION, CODIFICATION, GRADING AND COMPUTERISATION.

EXPERIENCE : DEMONSTRATOR, ANDHRA CHRISTIAN COLLEGE, GUNTUR, 1956-57; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C, AND SCIENTIST EI, C.F.R.I.,1957-87; (ALSO TRAINING IN COAL SCIENCE/INSTRUMENTAL ANALYSIS, U.K., 1969-70) SCIENTIST EII, C.F.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D ON UTILISATION OF INDIAN COAL AND LIGNITE; COMPUTERISATION (SOFTWARE DEVELOPMENT, DATA PROCESSING); TECHNICAL CONSULTACY.

LANGUAGES : TELUGU, HINDI, BENGALI, TAMIL, ENGLISH, GERMAN.

VISITED : U.K., AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 17, TECH. REPORTS - 10, ARTICLES - 6, SPECIAL REPORTS - 2, MONOGRAPHS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 21, CONSULTANCY - 15, R&D MGMT. - 15, TESTING - 17, SURVEY OF NATURAL RESOURCES - 33, PLANNING - 15, EDITING - 15, DOCUMENTATION - 28, COMPUTERISATION - 3.

3332

DR M M ALAM; (B. NOVEMBER 5, 1939),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - PATNA '60; M.SC. GEOLOGY - PATNA '62. PH.D. ISM.

SPECIALIZATIONS : COAL PETROLOGY; COAL GEOLOGY.

EXPERIENCE : S.L.A., J.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I.. 1963-89; (ALSO HIGHER STUDIES AND TRAINING IN COAL PETROLOGY, UK, 1977); SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R&D IN COAL PETROLOGY & COAL GEOLOGY; COAL RESOURCE QUALITY ASSESSMENT.

LANGUAGES : URDU, HINDI, PERSIAN, ARABIC, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS -18, TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 27.

3333

SHRI P N ASH; (B. DECEMBER 20, 1936),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; CERTIFICATE IN MASS COMMUNICATION - INDIAN INSTITUTE OF MASS COMMUNICATION, NEW DELHI '68; CERTIFICATE IN COAL SCIENCE, C.F.R.I., 1971; CERTIFICATE IN INFORMATION ANALYSIS - D.R.T.C.. BANGALORE '81.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE; INFORMATION SCIENCE; LIBRARY MANAGEMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTSIT B AND SCIENTIST C, C.F.R.I.,1957-88; SCIENTIST EI, C.F.R.I. SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : PUBLICATION, PUBLIC RELATIONS & ORGANISING CFRI RC MEETINGS AS RC SECRETARY AND R & D MANAGEMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16. TECH. REPORTS - 55.

AWARDS & DISTINCTIONS : CASH PRIZE FOR BEST PAPER, COAL INDIA LTD, 1978.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 2, R & D MGMT. - 8, SURVEY OF NATURAL RESOURCES - 3, EDITING - 16, DOCUMENTATION - 4.

3334

SHRI D K BANDYOPADHYAY; (B. OCTOBER 4, 1936),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '63; A.I.I. CHEM.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '73.

SPECIALIZATIONS : ANALYSIS OF ORES, MINERALS, FUELS AND ACTIVE CARBONS; PROCESS DEVELOPMENT; COKING PROCESSES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1957-85; SCIENTIST EI, C.F.R.I. SINCE MAY, 1985.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14. PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 24, PILOT PLANT - 5, SURVEY OF NATURAL RESOURCES - 2.

3335

SHRI P K BASAK; (B. OCTOBER 5, 1935),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '70

SPECIALIZATIONS : FUEL TECHNOLOGY; PUBLICATION; INFORMATION DISSEMINATION; TECHNOLOGY TRANSFER.

EXPERIENCE : J.T.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1961-86; SCIENTIST EI, C.F.R.I. SINCE SEPTEMBER. 1986.

PRESENT ACTIVITIES : PUBLICATION, INFORMATION DISSEMINATION, INDUSTRIAL LIAISON, TECHNOLOGY TRANSFER AND PATENTS.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 1. ARTICLES - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 4, TECHNOLOGY TRANSFER - 10. EDITING - 25. INFORMATION DISSEMINATION - 22, PATENTS - 8.

3336

SHRI R N BASAK; (B. JULY 28, 1937),

SCIENTIST EI, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '63; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '67.

SPECIALIZATIONS : ANALYSIS OF COAL; SURVEY OF COAL FIELDS; GASIFICATION AND COMBUSTION; COAL WASHABILITY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1957-87; SCIENTIST EI, C.F.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : RESEARCH AND ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH. GERMAN.

PUBLICATIONS & PATENTS : RES PAPER - 3.TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 32, APP. RES. - 16. TESTING -30, SURVEY OF NATURAL RESOURCES - 30. DOCUMENTATION -27.

3337

DR D M BHAT; (B. MAY 23, 1939),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BOMBAY '61; M.SC. INORGANIC CHEMISTRY - BOMBAY '63; PH.D. PHYSICAL-INORGANIC CHEMISTRY - LONDON '66.

SPECIALIZATIONS : INDUSTRIAL CARBONS AND CARBON ARTEFACTS; HYDROREFINING OF LIGHT OIL; FERTILISERS; INSTRUMENTATION; ANALYTICAL CHEMISTRY; ELECTROCHEMICAL INDUSTRIES; COAL, COKE AND GRAPHITE.

EXPERIENCE : DEMONSTRATOR, BHAVAN'S COLLEGE, BOMBAY, 1963-64; LECTURER, MITHIBHAI COLLEGE, BOMBAY, 1967; SCIENTIFIC OFFICER, FERTILISER CORPORATION OF INDIA, NAYA NANGAL, 1967-69; SCIENTIST B AND SCIENTIST C, C.F.R.I., 1969-83; SCIENTIST EI, C.F.R.I. SINCE JANUARY, 1983.

PRESENT ACTIVITIES : R&D ON LIGHT OIL, INDUSTRIAL CARBONS AND CARBON ARTEFACTS.

LANGUAGES : KANNADA, HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 5. TECH. REPORTS - 2, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 18, TEACHING - 2.

3338

DR ASIT BHATTACHARJEE; (B. JANUARY 16, 1937),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '64; PH.D. CHEMISTRY - I.S.M., DHANBAD '81.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; COUNTER CURRENT DISTRIBUTION; LIQUID CHROMATOGRAPHY; UV SPECTROPHOTOMETRY.

EXPERIENCE : ASSISTANT TEACHER, S.S.H. SCHOOL, KHARAGPUR, 1956-58; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I.,1960-85; SCIENTIST EI, C.F.R.I. SINCE MAY, 1985.

PRESENT ACTIVITIES : RESEARCH ON GAS CHROMATOGRAPHY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. AND APP. RES. (TOTAL: 31 YEARS), TEACHING - 2.

3339

DR R N BHATTACHARYA; (B. OCTOBER 25, 1939),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '58; M.SC. ORGANIC CHEMISTRY - BIHAR '60; PH.D. APPLIED CHEMISTRY - RANCHI '76.

SPECIALIZATIONS : CHEMISTRY OF COAL TAR AND PETROLEUM HYDROCARBONS; COAL CARBONISATION BY-PRODUCTS; SPECTROSCOPY AND CHROMATOGRAPHY OF ORGANIC COMPOUNDS; POLYMER/PLASTIC TECHNOLOGY; LOW TEMPERATURE AND HIGH TEMPERATURE FRACTIONAL DISTILLATION.

EXPERIENCE : LECTURER, BALURGHAT COLLEGE, WEST BENGAL, 1960-61; RESEARCH FELLOW, S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I, 1961-81; SCIENTIST EI. C.F.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : R&D IN CHEMISTRY AND UTILISATION OF COAL CARBONIZATION BY-PRODUCTS; SYNTHETIC ORGANIC CHEMISTRY.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 42, TECH. REPORTS - 5, SCIENTIFIC BOOKS - 1, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 5.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY, 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, R&D MGMT. - 20, TEACHING - 1.

3340

SHRI N C BHATTACHARYYA; (B. APRIL 1, 1936),

SCIENTIST EI, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '55; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '73; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '68.

SPECIALIZATIONS : COAL UTILIZATION.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1958-84; SCIENTIST EI, C.F.R.I. SINCE MAY, 1984.

PRESENT ACTIVITIES : RESEARCH ON COAL UTILISATION; ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 14, ANNUAL REPORTS - 29.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, TESTING - 29, SURVEY OF NATURAL RESOURCES - 29.

3341

SHRI D K BISWAS; (B. APRIL 3, 1936),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '55.

SPECIALIZATIONS : COAL GASIFICATION AND GAS PURIFICATION; COAL CARBONISATION AND SAMPLING; INSTRUMENTATION; COMPUTER PROGRAMMING.

EXPERIENCE : APPRENTICE ENGINEER, CAREW & CO. LTD., ROSA, 1956-59; SENIOR FOREMAN, J.T.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I. 1959-88; SCIENTIST C, C.F.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : R&D IN COAL GASIFICATION AND POWER GENERATION BY IGCC; TECHNICAL CONSULTANCY IN INDUSTRIAL FUEL PROBLEMS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH. REPORTS - 14, PATENTS FILED - 3, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, DESIGN - 12, TECH. DEV. - 20, PILOT PLANT - 29, CONSULTANCY - 12, OPERATION - 22, MAINTENANCE - 20, PRODUCTION - 3, TECHNO-ECONOMIC SURVEYS - 10.

3342

SHRI SATYABRATA BISWAS; (B. JUNE 21, 1937),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : COAL CARBONISATION; FUEL TECHNOLOGY; COKE OVEN TECHNOLOGY; PUBLICATION, INFORMATION AND LIAISON.

EXPERIENCE : GRADUATE APPRENTICE, INDIAN IRON & STEEL CO., BURNPUR, 1958-61; S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1961-88; SCIENTIST EI, C.F.R.I. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : PUBLICATION, INFORMATION DISSEMINATION & LIAISON; RESEARCH IN COAL CARBONISATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 38.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., TECH. DEV., PILOT PLANT, CONSTRUCTION, OPERATION, TESTING, MAINTENANCE, PRODUCTION, PUBLICATION, INFORMATION & LIAISON - 3 (TOTAL 32 YEARS).

3343

SHRI B B BRAHMACHARI; (B. FEBRUARY 6, 1935),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.; A.M.I.I. CHEM.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS - '70.

SPECIALIZATIONS : PETROLEUM REFINING TECHNOLOGY; COAL CONVERSION TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1960-87; SCIENTIST EI, C.F.R.I. SINCE MARCH, 1987.

PRESENT ACTIVITIES : R&D IN THE CONVERSION OF COAL TO SRC (SOLVENT REFINED COAL)

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 6, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 12, DESIGN - 4, TECH. DEV. - 1, PILOT PLANT - 10, OPERATION - 14, TESTING - 12.

3344

SHRI S K CHAKRAVARTY; (B. OCTOBER 14, 1938),

SCIENTIST EI, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68; ADVANCED FUEL TECHNOLOGY (SOLID FUEL) - INSTITUTE OF FUEL, UK '60.

SPECIALIZATIONS : COAL BENEFICIATION; COAL RESOURCE ASSESSMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1959-87; SCIENTIST EI, C.F.R.I. SINCE MARCH, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : (SPOKEN ONLY) RES. PAPERS - 1, TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, TECH. DEV. - 9, TESTING - 31, QUALITY CONTROL - 31, SURVEY OF NATURAL RESOURCES - 31.

3345

SHRI S K CHATTERJEE; (B. FEBRUARY 8, 1938),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : COAL CARBONISATION TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.T.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.F.R.I., 1959-89; SCIENTIST EI, C.F.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : R&D ON COAL CARBONISATION.

LANGUAGES : BENGALI. SANSKRIT, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 39.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 5, PILOT PLANT - 11, OPERATION - 6, TESTING - 4. QUALITY CONTROL - 1, MAINTENANCE - 2.

3346

SHRI S B CHATTOPADHYAY; (B. NOVEMBER 20, 1936),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '66.

SPECIALIZATIONS : RESOURCE QUALITY ASSESSMENT OF COAL; COAL CARBONISATION; ANALYSIS AND TESTING OF COAL AND BY-PRODUCTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C,C.F.R.I.,1959-87; SCIENTIST EI, C.F.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : R&D; ANALYSIS AND TESTING OF COAL AND BY-PRODUCTS.

LANGUAGES : BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : OPERATION - 6, TESTING - 12. RESOURCE QUALITY ASSESMENT -13.

3347

DR A K CHAUDHURI; (B. SEPTEMBER 7, 1937),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68., PH.D - I.S.M., DHANBAD 1989.

SPECIALIZATIONS : COAL TAR CHEMISTRY; ANALYSIS OF ORES, MINERALS. SILICATES. FUELS AND GAS.

EXPERIENCE : J.L.A., S.L.A.. J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.F.R.I..1957-86; SCIENTIST EI, C.F.R.I.. SINCE MARCH. 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9. TECH. REPORTS - 6, PATENTS TAKEN - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 34. TESTING - 34.

3348

DR S G CHAUDHURI; (B. JANUARY 21, 1941),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) GEOLOGY - CALCUTTA '60; M.SC. GEOLOGY - CALCUTTA '62; PH.D. GEOLOGY - I.S.M.. DHANBAD '79.

SPECIALIZATIONS : COAL GEOLOGY; COAL PETROLOGY.

EXPERIENCE : J.R.F., S.S.A., SCIENTIST B AND SCIENTIST C. C.F.R.I.. 1963-86; (ALSO ADVANCED TRAINING IN APPLIED COAL GEOLOGY, W.GERMANY, 1965-66); SCIENTIST EI. C.F.R.I. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : R & D IN COAL PETROLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH. GERMAN.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 33. TECH. REPORTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27. APP. RES. - 27. SURVEY OF NATURAL RESOURCES - 7.

3349

DR A K ROY CHOUDHURY; (B. MARCH 15, 1937),

REPROGRAPHY OFFICER (EI), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : LICENTIATE IN PRINTING AND GRAPHIC ART - WEST BENGAL'58.

SPECIALIZATIONS : PHOTOGRAPHY; REPROGRAPHY; MICROGRAPHIES; OFFSET PRINTING.

EXPERIENCE : S.L.A., J.T.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1958-88; REPROGRAPHY OFFICER (EI). CFRI SINCE JUNE, 1988.

PRESENT ACTIVITIES : PHOTOGRAPHY AND MAINTENANCE OF EQUIPMENT; PROCESS CAMERA OPERATION; PLATE MAKING; OFFSET MACHINE OPERATION; MICROFILMING.

LANGUAGES : BENGALI. HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PHOTOGRAPHY - 31.

3350

SHRI S B CHOUDHURY; (B. JANUARY 5, 1936),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '55; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '63; A.M.I.I.CH.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '73.

SPECIALIZATIONS : COAL BENEFICIATION AND CARBONISATION; SOLVENT EXTRACTION OF COAL; OPERATION AND MAINTENANCE OF COAL-BASED CHEMICAL PLANTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.F.R.I., 1956-84; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY. 1984.

PRESENT ACTIVITIES : RESEARCH IN SOLVENT EXTRACTION OF COAL AND SOLVENT REFINED COAL (SRC-I) TECHNOLOGY.

LANGUAGES : BENGALI. HINDI. ENGLISH. RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 15. PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 32. OPERATION - 2. TESTING - 3.

3351

SHRI P K DAS; (B. MARCH 20, 1935),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; ADVANCED FUEL TECHNOLOGY. SOLID FUEL - INSTITUTE OF FUEL, UK '63; ADVANCED FUEL TECHNOLOGY. GASEOUS FUEL - INSTITUTE OF FUEL, UK '64.

SPECIALIZATIONS : FORMED COKE TECHNOLOGY: CARBONISATION TECHNOLOGY.

EXPERIENCE : SHIFT FOREMAN, J.T.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C. C.F.R.I.,1957-88: SCIENTIST EI. C.F.R.I.,SINCE MAY, 1988.

PRESENT ACTIVITIES : R&D ON FORMED COKE TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. TECH. REPORTS - 3, PATENTS TAKEN - 2, PATENTS FILED - 4 . PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : SILVER MEDAL AND A COMMENDATION CERTIFICATE FOR A RESEARCH PAPER. COKE OVEN MANAGERS' ASSOICIATION(UK). 1968.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 33. PILOT PLANT - 29, TESTING - 29.

3352

DR S K DAS; (B. JANUARY 5, 1936),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '54: M.SC. (TECH.) APPLIED CHEMISTRY - CALCUTTA '57: D.PHIL. APPLIED CHEMISTRY - CALCUTTA '64.

SPECIALIZATIONS : BIOCHEMISTRY: MICROBIOLOGY: COAL CHEMISTRY; AGRICULTURAL CHEMISTRY: FERTILIZER PRACTICES.

EXPERIENCE : GHOSH RESEARCH SCHOLAR, J.R.F. (CSIR). S.R.F. (CSIR) AND SENIOR RESEARCH OFFICER (PL-480 PROJECT), CALCUTTA UNIVERSITY, 1958-67: SCIENTIST B AND SCIENTIST C. C.F.R.I., 1967-81: SCIENTIST EI.C.F.R.I. SINCE MAY. 1981

PRESENT ACTIVITIES : R&D IN ENVIORNMENTAL POLLUTION ARISING OUT OF COAL-BASED INDUSTRIES AND ABATEMENT. BIOPROCESSING OF COAL AND COAL DERIVED MATERIALS.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 34. APP. RES. - 24. TECH. DEV. - 5. TESTING -3. ADMN - 12.

3353

SHRI GAURISANKAR DE; (B. FEBRUARY 1, 1935),

SCIENTIST EI, COAL SURVEY LABORATORY. RANCHI (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '54; B.SC. (HONS.) PHYSICS - CALCUTTA '59.

SPECIALIZATIONS : ANALYSIS OF COAL AND SILICATES: ESTIMATION OF ORGANIC FUNCTIONAL GROUPS

EXPERIENCE : ASSISTANT TEACHER. T.B. HIGHER SECONDARY M.SCHOOL. BHADRESWAR. 1957-60: J.S.A., S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.F.R.I. 1960-88: SCIENTIST EI, C.F.R.I.. SINCE APRIL, 1988.

PRESENT ACTIVITIES : ANALYSIS OF COAL.

LANGUAGES : BENGALI, HINDI, SANSKRIT. ENGLISH. RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECHNICAL REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 30. TEACHING - 3, SURVEY OF NATURAL RESOURCES - 30.

3354

DR L P DIXIT; (B. JULY 1, 1937),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : M.SC. (TECH.) ELECTRONICS - ALLAHABAD '63; PH.D. PHYSICS - RANCHI '69.

SPECIALIZATIONS : PLASMA PHYSICS; ELECTRON MICROSCOPY; LASER PHYSICS: COMPUTER SCIENCE.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, C.F.R.I., 1973-86; SCIENTIST EI, C.F.R.I. SINCE JULY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI. SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 11. ARTICLES - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19. APP. RES. - 15. DESIGN - 3. TEACHING - 4.

3355

SHRI MANORANJAN GHATAK; (B. JANUARY 11, 1937),

SCIENTIST EI. COAL SURVEY LABORATORY. RANIGANJ (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '56: ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '70: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '71.

SPECIALIZATIONS : FUEL TECHNOLOGY: MINERAL ANALYSIS.

EXPERIENCE : S.L.A.. J.S.A . S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C. C.F.R.I.. 1957-86: SCIENTIST EI. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : RESEARCH AND ANALYSIS

LANGUAGES : BENGALI. SANSKRIT. HINDI. ENGLISH

PUBLICATIONS & PATENTS : RES. PAPERS - 1. TECH REPORTS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, CONSULTANCY - 15, TESTING - 33, SURVEY OF NATURAL RESOURCES - 33, ADMN. - 2.

3356

SHRI S K GHOSH; (B. MARCH 1, 1935),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '54; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '70.

SPECIALIZATIONS : COAL SCIENCE AND TECHNOLOGY.

EXPERIENCE : ANALYTICAL CHEMIST, BIRLA LABORATORIES, 1955-57; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1957-89; SCIENTIST EI, SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS -10, TECH. REPORTS - 14, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, PILOT PLANT - 30, TESTING - 30.

3357

SHRI A K GUPTA; (B. AUGUST 6, 1937),

SCIENTIST EI, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - BIHAR '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '62; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : ANALYSIS AND SURVEY OF COALS AND COALFIELDS; GASIFICATION AND COMBUSTION; COAL BENEFICIATION.

EXPERIENCE : DEMONSTRATOR, ST. XAVIER'S COLLEGE, RANCHI, 1956-57; S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1957-85; SCIENTIST EI, C.F.R.I. SINCE MAY, 1985.

PRESENT ACTIVITIES : RESEARCH AND ANALYSIS.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 33, APP. RES. - 33, TESTING - 33, SURVEY OF NATURAL RESOURCES - 33, DOCUMENTATION - 13.

3358

DR D D HALDAR; (B. JULY 25, 1951),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(ENGG) CHEMICAL ENGINEERING - RANCHI'73; M.SC.(ENGG) CHEMICAL ENGINEERING - RANCHI'76. PH.D. MINERAL ENGINERING - I.S.M., DHANBAD '88.

SPECIALIZATIONS : COAL BENEFICIATION; CHEMICAL ENGINEERING.

EXPERIENCE : S.R.F., I.S.M., DHANBAD, 1977-78; S.S.A., SCIENTIST B AND SCIENTIST C, 1978-88; SCIENTIST EI, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R&D ON SMALL AND FINE COAL BENEFICIATION.

LANGUAGES : HINDI, BENGALI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 6, DESIGN - 1, PILOT PLANT - 3, OPERATION - 2, TEACHING - 1.

3359

DR S K HAZRA; (B. FEBRUARY 5, 1949),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL ENGINEERING - RANCHI '72; M.SC. (ENGG.) CHEMICAL ENGINEERING - RANCHI '76; PH.D. MINERAL ENGINEERING - I.S.M., DHANBAD '86.

SPECIALIZATIONS : CHEMICAL PLANT DESIGN; PROJECT EVALUATION (TECHNO- ECONOMIC); MATHEMATICAL MODELLING; COAL PREPARATION.

EXPERIENCE : RESEARCH OFFICER, INDIAN SCHOOL OF MINES, DHANBAD, 1977-79; SCIENTIST B AND SCIENTIST C, C.F.R.I., 1979-89; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : BASIC DESIGN, PROJECT EVALUATION AND TECHNO-ECONOMIC STUDIES; MATHEMATICAL MODELLING OF DIFFERENT PROCESSES, COAL PREPARATION, EMISSION STUDIES OF DOMESTIC CHULHAS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, TECH. REPORTS -15, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC AND APP. RES. - 15, DESIGN - 2, OPERATION - 2.

3360

SHRI M N JUNEJA; (B. MAY 10, 1940),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - U.P. '60; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, U.K '72.

SPECIALIZATIONS : COAL GASIFICATION.

EXPERIENCE : SENIOR FOREMAN, J.T.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1960-89; SCIENTIST EI, C.F.R.I. SINCE MAY, 1989.

PRESENT ACTIVITIES : R & D ON COAL GASIFICATION.

LANGUAGES : PUNJABI, HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS-22, TECH. REPORTS-18, REVIEW PAPERS-6. PATENT FILED -2, PROCESS DEVELOPEED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 12, TECH. DEV. - 12, PILOT PLANT - 30, CONSULTANCY - 9, R & D MGMT. - 4, OPERATION - 17, TECHNO-ECONOMIC SURVEYS - 7, ADMN. - 1.

3361

SHRI B B KONAR; (B. JANUARY 3, 1937),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : BENEFICIATION OF HIGH ASH DIFFICULT WASHING COKING COAL; BENEFICIATION OF FINE COAL BY FROTH FLOTATION; DEMINERALISATION OF COAL BY OIL AGGLOMERATION TECHNIQUE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I.,1957-84; SCIENTIST EI, C.F.R.I. SINCE APRIL, 1984.

PRESENT ACTIVITIES : R&D ON SMALL & FINE COAL BENEFICIATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 27, ARTICLES - 2, PATENTS TAKEN - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR DEMINERALISATION OF COAL BY OIL AGGLOMERATION.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT - 6, PLANNING - 3, TECHNOLOGY TRANSFER - 5.

3362

DR ALOKE MAITRA; (B. JANUARY 20, 1942),

SCIENTIST EI, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) GEOLOGY - RANCHI '61; M.SC. GEOLOGY - PATNA '63; PH.D. GEOLOGY - RANCHI '79.

SPECIALIZATIONS : COAL PETROGRAPHY.

EXPERIENCE : J.R.F. AND S.S.A., C.F.R.I., 1963-78; QUALITY CONTROL OFFICER, CENTRAL COALFIELDS LIMITED, RANCHI, 1978-79; SCIENTIST B AND SCIENTIST C, C.F.R.I., 1979-89; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT; RESEARCH IN COAL PETROLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECHNICAL REPORTS - 8.

AWARDS & DISTINCTIONS : FELLOW, COAL PETROLOGICAL SOCIETY OF INDIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, QUALITY CONTROL - 1.

3363

SHRI B D MAJUMDAR; (B. JULY 29, 1941),

SCIENTIST EI, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : M.SC. APPLIED GEOLOGY - JADAVPUR '64.

SPECIALIZATIONS : GEOLOGICAL STUDIES OF COAL AND LIGNITE.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1965-86; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : GEOLOGICAL STUDIES; ASSESSMENT OF COAL AND LIGNITE RESOURCE ; PREPARATION OF REPORTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT. - 15, SURVEY OF NATURAL RESOURCES - 25.

3364

DR P C MALLIK; (B. JANUARY 3, 1940),

SCIENTIST EI, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD)

QUALIFICATIONS : B.SC. - PATNA '59; M.SC. GEOLOGY - PATNA '61; PH.D. APPLIED GEOLOGY - I.S.M. '82.

SPECIALIZATIONS : COAL GEOLOGY; COAL METAMORPHISM.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1962-84; SCIENTIST EI, C.F.R.I. SINCE JUNE, 1984.

PRESENT ACTIVITIES : SURVEY AND UTILISATION OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 29 YEARS.

3365

SHRI B C MITRA; (B. MAY 1, 1935),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '59.

SPECIALIZATIONS : COAL CARBONISATION; COAL AND COKE SUB-SAMPLING; COKE OVEN.

EXPERIENCE : J.T.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1960-89; SCIENTIST EI, C.F.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : R&D ON COAL CARBONISATION.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 41.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PILOT PLANT - 3, OPERATION - 2, TESTING - 5, MAINTENANCE - 5, TEACHING - 5.

3366

SHRI P K MUKHERJEE; (B. JANUARY 12, 1938),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '59

SPECIALIZATIONS : FABRICATION, INSTALLATION AND MAINTENANCE OF INSTRUMENTS.

EXPERIENCE : S.L.A., J.S.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C. C.F.R.I., 1960-89: SCIENTIST EI, C.F.R.I. SINCE MARCH. 1989.

PRESENT ACTIVITIES : FABRICATION, INSTALLATION AND MAINTENANCE OF INSTRUMENTS.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 3, PILOT PLANT - 5. OPERATION. TESTING, QUALITY CONTROL. MAINTENANCE (TOTAL:27 YEARS), PRODUCTION - 19.

3367

SHRI R M MUKHERJEE; (B. JANUARY 4, 1936),

SCIENTIST EI. COAL SURVEY LABORATORY, RANIGANJ (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '56.

SPECIALIZATIONS : COAL GEOLOGY; COAL PETROGRAPHY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C. C.F.R.I., 1958-88; SCIENTIST EI, C.F.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 32. TESTING - 32. QUALITY CONTROL - 32, SURVEY OF NATURAL RESOURCES - 29.

3368

DR S N MUKHERJEE; (B. MAY 26, 1939),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '70; PH.D APPLIED CHEMISTRY - I.S.M., DHANBAD, '87.

SPECIALIZATIONS : UTILIZATION OF FLY ASH; SPONTANEOUS COMBUSTION AND FIRE HAZARDS; FUSIBILITY AND RHEOLOGY OF COAL ASH AND ITS SLAG.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1959-87; SCIENTIST EI. C.F.R.I. SINCE MARCH. 1987.

PRESENT ACTIVITIES : TESTING, QUALITY CONTROL, COUNSULTANCY AND R&D MANAGEMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 26. TECH. REPORTS - 11. ARTICLES - 1. PATENTS TAKEN - 1. PATENTS FILED - 1. PROCESSES DEVELOPED - 1. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23. R&D MGMT. - 8, TESTING AND QUALITY CONTROL (TOTAL:31 YEARS).

3369

SHRI R N PAUL; (B. OCTOBER 5, 1939),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - JADAVPUR '64.

SPECIALIZATIONS : DESIGN AND OPERATION OF DISTILLATION AND EXTRACTION PLANTS; PROCESS DEVELOPMENT.

EXPERIENCE : J.T.O., D.G.T.D., NEW DELHI, 1965-66; SCIENTIST B, NCL, POONA. 1966-81; SCIENTIST C, C.F.R.I., 1981-87; SCIENTIST EI, C.F.R.I. SINCE JUNE. 1987.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; STABILIZED COAL/LIGNITE FUEL OIL PROCESS.

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS TAKEN - 3, PATENTS FILED - 1. PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR RECOVERY OF ANHYDROUS PYRIDINE BASE FROM THEIR DILUTED AQUEOUS PYRIDINE SOLUTION.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 16, DESIGN - 3.

3370

MRS R U RAI; (B. JANUARY 2, 1937),

SCIENTIST EI. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3371

DR SUBHASH CHANDRA RAY; (B. JULY 1, 1946),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BURDWAN '67; M.SC. ORGANIC CHEMISTRY - BURDWAN '69; PH.D. APPLIED CHEMISTRY - I.S.M., DHANBAD '82.

SPECIALIZATIONS : CATALYSIS; UTILIZATION OF COAL CARBONISATION BY-PRODUCTS; CATALYLIC VAPOUR PHASE AMMOXIDATION OF COALTAR & PETROLEUM DERIVED HYDROCARBONS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.F.R.I., 1970-84; SCIENTIST EI, C.F.R.I. SINCE JULY, 1984; (ALSO W. GERMANY FOR THREE WEEKS IN THE AREA OF CATALYSIS DURING, 1989-90).

PRESENT ACTIVITIES : RESEARCH ON THE UTILISATION OF COAL CARBONISATION BY-PRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, HUNGARY.

PUBLICATIONS & PATENTS : RES. PAPERS - 18. TECH. REPORTS - 4. PATENTS TAKEN - 4. PROCESSES DEVELOPED - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20. APP. RES. - 20.

3372

SHRI A K ROY; (B. SEPTEMBER 1, 1940),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.TECH. ELECTRONICS - CALCUTTA '64.

SPECIALIZATIONS : ELECTRONICS; ELECTRONIC INSTRUMENTATION.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.S.I.O., CHANDIGARH, 1966-73; SCIENTIST C, C.F.R.I., 1973-84; SCIENTIST EI, C.F.R.I. SINCE JULY, 1984.

PRESENT ACTIVITIES : ELECTRONIC INSTRUMENTATION.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 1, ARTICLES - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, DESIGN - 5, TECH. DEV. - 5, TESTING - 2, MAINTENANCE - 20.

3373

SHRI RADHASYAM SAHA; (B. APRIL 2, 1936),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; ASSOCIATESHIP IN INFORMATION SCIENCE - I.N.S.D.O.C. '76; DIPLOMA IN SCIENTIFIC TRANSLATION(RUSSIAN) - I.N.S.D.O.C. '68.

SPECIALIZATIONS : LIBRARY MANAGEMENT; SCIENTIFIC TRANSLATION; EDITING; INFORMATION SCIENCE; ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, AND SCIENTIST C, C.F.R.I., 1957-86; SCIENTIST EI, C.F.R.I. SINCE JULY, 1986.

PRESENT ACTIVITIES : LIBRARY MANAGEMENT AND INFORMATION DISSEMINATION.

LANGUAGES : BENGALI, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : ARTICLES - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 7, EDITING - 10, DOCUMENTATION - 5, SCIENTIFIC TRANSLATION - 12, LIBRARY MANAGEMENT - 8.

3374

SHRI S R SARKAR; (B. JANUARY 7, 1940),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '72.

SPECIALIZATIONS : COAL CARBONISATION TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.T.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1959-86; SCIENTIST EI, C.F.R.I. SINCE MAY, 1986.

PRESENT ACTIVITIES : RESEARCH ON COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH REPORTS - 27.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 10, PILOT PLANT - 6, CONSTRUCTION - 3, OPERATION - 6, MAINTENANCE - 4.

3375

SHRI V S SAXENA; (B. OCTOBER 13, 1939),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - A.M.U.'58; M.SC. GEOLOGY - A.M.U.'60.

SPECIALIZATIONS : COAL GEOLOGY; COAL RESOURCE SURVEY.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1962-85; SCIENTIST EI, C.F.R.I. SINCE JUNE, 1985.

PRESENT ACTIVITIES : INFORMATION DISSEMINATION; COAL RESOURCE SURVEY.

LANGUAGES : HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 4, QUALITY CONTROL - 4, SURVEY OF NATURAL RESOURCES - 28, ADMN. - 3, EDITING - 4.

3376

SHRI A N SENGUPTA; (B. JULY 22, 1938),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '61; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '64.

SPECIALIZATIONS : COAL CARBONISATION; ANALYSIS OF COAL, COKE, GAS AND TAR; COAL PREPARATION; COAL COMBUSTION; COAL GASIFICATION; POLLUTION MONITORING AND ABATEMENT.

EXPERIENCE : APPRENTICE, J.L.A., SHIFT FOREMAN, J.T.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1956-87; SCIENTIST EI, C.F.R.I., SINCE MARCH, 1987.

PRESENT ACTIVITIES : R&D ON COAL CHARACTERISATION & UTILIZATION, MONITORING AND ABATEMENT OF POLLUTION ARISING OUT OF COAL AND BIOMASS-BASED FUEL AND ITS APPLIANCES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 21, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3, TECHNO-ECONOMIC FEASIBILITY REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 13, PILOT PLANT - 10, OPERATION - 10, MAINTENANCES - 4, ANALYSIS & TESTING - 3, POLLUTION STUDIES - 4.

3377

DR(MRS) K P SHARMA; (B. MARCH 21, 1940),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.SC. CHEMISTRY - PATNA '65; PH.D. PHYSICAL ORGANIC CHEMISTRY - PATNA '80.

QUALIFICATIONS : M.SC. CHEMISTRY - PATNA '65; PH.D. PHYSICAL ORGANIC CHEMISTRY - PATNA '80.

SPECIALIZATIONS : SYNTHETIC DETERGENTS; FINE CHEMICALS; COAL CHEMISTRY; SYNTHETIC DRUGS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1966-88; SCIENTIST EI, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, TECH. REPORTS - 2, ARTICLES - 1, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25.

3378

MRS SHASHI MANGAL SINGH; (B. JANUARY 5, 1939)),

SCIENTIST EI, COAL SURVEY LABORATORY, JHARIA (C.F.R.I., DHANBAD).

QUALIFICATIONS : B.SC.(HONS) GEOLOGY - PATNA '59; M.SC. GEOLOGY - PATNA '61; JUNIOR DIPLOMA IN RUSSIAN LANGUAGE-NAGPUR '72.

SPECIALIZATIONS : COAL GEOLOGY; COAL METAMORPHISM; COAL SURVEY AND UTILISATION.

EXPERIENCE : P.G. FIELD TRAINING, PING & FIELD GEOLOGY, FEBRUARY TO MAY 1962; S.S.A., J.S.O./SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1962-87; SCIENTIST EI, C.F.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : COAL RESOURCE QUALITY ASSESSMENT; STUDIES ON THE PROBLEMS OF INDUSTRIES AND IDENTIFICATION OF SUITABLE COALS FOR SPECIFIC PURPOSES.

LANGUAGES : HINDI, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS-3, TECH. REPORTS-20, ANNUAL REPORTS - 28.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.-28, QUALITY CONTROL-28, SURVEY OF NATURAL RESOURCES-28.

3379

DR K K TIWARI; (B. MAY 8, 1943),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR '61; M.SC. CHEMISTRY - PATNA '71; PH.D. APPLIED CHEMISTRY - I.S.M. '81.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; APPLIED CHEMISTRY; COAL TAR CHEMISTRY.

EXPERIENCE : GRADUATE APPRENTICE, J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.F.R.I., 1962-86; (ALSO ADVANCED TRAINING IN SYNTHETIC ORGANIC CHEMISTRY, UK, 1974-75); SCIENTIST EI, C.F.R.I. SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, ARTICLES - 2, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 1

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29.

3380

DR P S M TRIPATHI; (B. JANUARY 2, 1945)),

SCIENTIST EI, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.SC. CHEMISTRY - GORAKHPUR '64; PH.D. CHEMISTRY - B.H.U. '70; B.L. - MAGADH '74; DIPLOMA IN FRENCH - B.H.U. '68; DIPLOMA IN RUSSIAN - B.H.U. '70; DIPLOMA IN GERMAN-GOETHE INSTITUTE, W.GERMANY '77.

SPECIALIZATIONS : RADIATION/NUCLEAR TECHNIQUES IN COAL SCIENCE; CATALYSIS; COAL CONVERSION PROCESSES; INSTRUMENTAL TECHNIQUES.

EXPERIENCE : LECTURER AND S.R.F., B.H.U., VARANASI, 1968-73; S.S.A., I.I.P., DEHRA DUN, 1973; SCIENTIST B, C.F.R.I., 1973-78; (ALSO HIGHER TRAINING AND RESEARCH, W. GERMANY, 1977-79); SCIENTIST C, C.F.R.I. 1978-84 (ALSO TRAINING ON X.R.F. SPECTROMETER, U.S.A., 1982-83); SCIENTIST EI, C.F.R.I. SINCE AUGUST, 1984.

PRESENT ACTIVITIES : R & D: APPLICATION OF RADIATION/NUCLEAR TECHNIQUES IN COAL RESEARCH, COAL PREPARATION (FLOCCULATION & DESULPHURISATION); CLAY MINERALOGY; CHARACTERISATION & ANALYSIS OF COAL & COAL PRODUCTS BY INSTRUMENTAL TECHNIQUES.

LANGUAGES : HINDI, ENGLISH, FRENCH, RUSSIAN, GERMAN.

VISITED : GERMANY, U.S.A., FRANCE, U.K., ITALY, AUSTRIA, DENMARK, NORWAY, SWEDEN, THE NETHERLANDS, BELGIUM, CANADA, JAPAN, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS-65, TECH. REPORTS-9, ARTICLES-9, POPULAR SCIENCE ARTICLES-9, SCIENTIFIC BOOKS - 2 CHAPTERS.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 27, R & D MGMT. - 18, TEACHING - 6, PLANNING - 12, EDITING - 16.

3381

SHRI M I ANSARI; (B. JANUARY 17, 1936),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - PATNA '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : COKING COAL; COAL UTILIZATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1958-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH AND ANALYSIS.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4, ANNUAL REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 32.

3382

SHRI P K BAKSI; (B. JANUARY 6, 1942),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58; ADVANCED FUEL TECHNOLOGY (SOLID & GASEOUS FUELS-INSTITUTE OF FUEL, U.K. '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALIZATIONS : INORGANIC ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1958-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : COAL RESOURCE QUALITY ASSESSMENT: DRAFTING OF REPORTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 3, TESTING - 22. SURVEY OF NATURAL RESOURCES - 22, DOCUMENTATION - 6.

3383

SHRI A K BANDOPADHYAY; (B. NOVEMBER 1, 1951),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - RANCHI '72; M.SC. PHYSICS - RANCHI '74.

SPECIALIZATIONS : SPECTROSCOPIC TECHNIQUES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1974-88; SCIENTIST C, C.F.R.I. SINCE OCTOBER, 1988; (ALSO STUDIES IN CATALYSIS, UNDER INDO-SOVIET EXCHANGE PROGRAMME).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : U.S.S.R., U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, ARTICLES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16.

3384

SHRI D D BANERJEE; (B. FEBRUARY 25, 1938),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR '58.

SPECIALIZATIONS : COAL CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I., 1958-79; SCIENTIST C. C.F.R.I. SINCE MARCH. 1979.

PRESENT ACTIVITIES : R & D IN COAL SCIENCE & COAL TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 15, APP. RES. - 3, TESTING - 15.

3385

MRS HENA BANERJEE; (B. OCTOBER 17, 1940),

SCIENTIST C COAL SURVEY LABORATORY, RANCHI (CFRI DHANBAD)

QUALIFICATIONS : B.SC. - RANCHI '61: M.SC. ORGANIC CHEMISTRY - RANCHI 63.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ANALYSIS OF COAL, MINERALS AND SILICATES: ESTIMATION OF ORGANIC FUNCTIONAL GROUPS.

EXPERIENCE : LECTURER. RANCHI WOMEN S COLLEGE. RANCHI, 1963-65; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I., 1965-84: SCIENTIST C. C.F.R.I. SINCE AUGUST. 1984

PRESENT ACTIVITIES : COAL RESOURCE QUALITY ASSESSMENT AND ANALYSIS.

LANGUAGES : BENGALI, HINDI, SANSKRIT. ENGLISH.

PUBLICATIONS & PATENTS : TECHNICAL REPORTS - 3

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES - 22, TEACHING - 2, SURVEY OF NATURAL RESOURCES - 25.

3386

SHRI S B BANERJEE; (B. DECEMBER 3, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, U.K. '70.

SPECIALIZATIONS : COAL WASHING TECHNOLOGY.

EXPERIENCE : J.L. A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1959-86; SCIENTIST C. C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D: INVESTIGATIONAL TESTING.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2. TECH REPORTS - AROUND 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28. PILOT PLANT - 31. TESTING - 31.

3387

SHRI TIRTHANKAR BANERJEE; (B. NOVEMBER 17, 1940),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '61: ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '71

SPECIALIZATIONS : COAL CARBONISATION TECHNOLOGY.

EXPERIENCE : J.L. A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. CFRI. C.F.R.I.. 1963-86: SCIENTIST C. C.F.R.I SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : RESEARCH ON COAL AND COKE

LANGUAGES : BENGALI. HINDI. ENGLISH

PUBLICATIONS & PATENTS : RES PAPERS - 2. TECH. REPORTS - 31.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2. APP. RES. - 9. PILOT PLANT - 8. CONSTRUCTION - 2. OPERATION - 6. MAINTENANCE - 1.

3388

SHRI SOMNATH BANERJI; (B. DECEMBER 18, 1940),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '61; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '68.

SPECIALIZATIONS : COAL CARBONISATION; ANALYSIS OF COKE OVEN BY-PRODUCTS.

EXPERIENCE : SCIENCE TEACHER. M.V. INSTITUTION. WEST BENGAL, 1961-63; J.L.A., S.L.A.. J.S.A. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I., 1963-87; SCIENTIST C. C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH

PUBLICATIONS & PATENTS : RES.PAPERS - 6.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES.- 4. APP.RES. - 23. TEACHING - 2.

3389

SHRI N C BASAK; (B. AUGUST 15, 1941),

SCIENTIST C. COAL SURVEY LABORATORY. RANCHI (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '63; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '70; ADVANCED FUEL TECHNOLOGY - C. & G.. LONDON, U.K. '70.

SPECIALIZATIONS : PHYSICO-CHEMICAL ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-88; SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27.

3390

SHRI MD BASHIRUDDIN; (B. JULY 1, 1939),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - MAGADH '62: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '70.

SPECIALIZATIONS : ANALYSIS OF COAL. COKE. OIL AND GAS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTST B. C.F.R.I..1963-87; SCIENTIST C. C.F.R.I.. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : R&D; ANALYSIS OF COAL AND COKE.

LANGUAGES : URDU, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT.. TESTING. QUALITY CONTROL (TOTAL:27 YEARS).

3391

SHRI M K BASU; (B. JULY 1, 1939),

SCIENTIST C. COAL SURVEY LABORATORY. RANCHI (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '62.

SPECIALIZATIONS : ANALYSIS OF COAL AND SILICATES.

EXPERIENCE : S.L.A , J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I., 1963-86; SCIENTIST C. C.F.R.I.. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : ANALYSIS OF COAL.

LANGUAGES : BENGALI, HINDI. SANSKRIT. ENGLISH.

PUBLICATIONS & PATENTS : BASIC RES. - 1. TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 27, SURVEY OF NATURAL RESOURCES - 27.

3392

SHRI P K BASU; (B. MAY 10, 1942),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '62: A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. U.K. '70; A.M.I.I. CHEMICAL ENGINEERING - INDIAN INSTITUTE OF CHEMICAL ENGINEERS '73; M.TECH. CHEMICAL ENGINEERING - I.I.T., BOMBAY '80.

SPECIALIZATIONS : FUEL TECHNOLOGY: CHEMICAL KINETICS: INORGANIC POLYMER SYNTHESIS: CATALYSIS AND ADSORBENTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-84; SCIENTIST C, C.F.R.I. SINCE AUGUST. 1984.

PRESENT ACTIVITIES : R&D IN CATALYSIS AND INORGANIC POLYMER SYNTHESIS.

LANGUAGES : BENGALI, HINDI, ENGLISH. GERMAN. FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 17, TECH. DEV. - 15. TESTING - 6, TEACHING - 1.

3393

SHRI S B BASU; (B. JUNE 1, 1938),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - PATNA '57; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '77.

SPECIALIZATIONS : CONVERSION OF COAL TO OIL. (FISCHER- TROPRCH TECHNOLOGY).

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D IN SYNTHETIC LIQUID FUEL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, TESTING - 27.

3394

SHRI S K BASU; (B. DECEMBER 14, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '62; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : COAL SCIENCE AND TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST B, C.F.R.I., 1963-86; SCIENTIST C, C.F.R.I. SINCE MARCH, 1986.

PRESENT ACTIVITIES : R&D ON COAL, ALLIED MATERIAL FOR MAKING DOMESTIC FUELS AND STABILISED COAL-OIL SLURRY.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 10, PATENTS FILED - 1, PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 7, PILOT PLANT - 20, TESTING - 20.

3395

SHRI K L BHATTACHARJEE; (B. OCTOBER 1, 1935),

SCIENTIST C, COAL SURVEY LABORATORY, JORHAT (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - GAUHATI '56; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67.

SPECIALIZATIONS : PHYSICAL AND CHEMICAL ANALYSIS OF COAL, COKE AND TAR.

EXPERIENCE : TEACHER, 1956-58; J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1958-87; SCIENTIST C, C.F.R.I SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : PHYSICAL AND CHEMICAL ANALYSIS OF COAL, COKE AND TAR.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 25, TEACHING - 2, SURVEY OF NATURAL RESOURCES - 25.

3396

DR(MRS) ANJANA BHATTACHARYA; (B. APRIL 11, 1950),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BURDWAN '69; M.SC. CHEMISTRY - BURDWAN '71; PH.D. CHEMISTRY - BURDWAN '78.

SPECIALIZATIONS : INORGANIC CHEMISTRY; COORDINATION CHEMISTRY; ZEOLITE SYNTHESIS.

EXPERIENCE : ASSISTANT TEACHER, TULSIRANI GIRLS SCHOOL, ASANSOL, 1972-73; J.R.F. (CSIR), UNIVERSITY OF BURDWAN, BURDWAN, 1973-77; S.L.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1977-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D IN CATALYSIS.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, REVIEW ARTICLES - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 7, TEACHING - 1.

3397

DR K N BHATTACHARYA; (B. MAY 2, 1949),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - JABALPUR '69; M.SC. CHEMISTRY - JABALPUR '71; PH.D. CHEMISTRY - JIWAJI '76.

SPECIALIZATIONS : CHROMATOGRAPHY; CATALYST DEVELOPMENT; COAL LIQUEFACTION TECHNOLOGY.

EXPERIENCE : J.R.F., JIWAJI UNIVERSITY, GWALIOR, 1974-76; S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1978-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, ARTICLES - 10, REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 13, TESTING - 6, QUALITY CONTROL - 6, TEACHING - 2.

3398

SHRI BIMALENDU BISWAS; (B. FEBRUARY 26, 1939),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '62; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; COAL CARBONISATION; ANALYSIS OF COAL, COKE AND SILICATES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1962-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH ON COAL CARBONISATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2,TECH REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 5, APP. RES.- 10, R&D MGMT.- 28.

3399

SHRI DILIP BISWAS; (B. NOVEMBER 24, 1941),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '62; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE, GAS, ORES. MINERALS AND SILICATES; UTILIZATION OF FLY ASH, SPONTANEOUS COMBUSTION OF COAL AND LIGNITE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., CONSULTANCY, TESTING (TOTAL:27 YEARS).

3400

SHRI SUBHASISH BISWAS; (B. NOVEMBER 18, 1955),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATION : B.SC(HONS) CHEMISTRY - CALCUTTA '74; B.E. MECHNICAL ENGINEERING - CALCUTTA '79; I.C.W.A.I. (INTER) - I.C.W.A.I., CALCUTTA '87; M.I.E. - INSTITUTE OF ENGINEERING (INDIA) '89.

SPECIALISATIONS : MECHANICAL ENGINEERING; PRODUCTION; CONSTRUCTION AND OPERATION; APPLIED RESEARCH ON FLUID BED COMBUSTION.

EXPERIENCE : TRAINEE ENGINEER, ASSTT. ENGINEER AND DIVISIONAL ENGINEER, GRSE LIMITED, CALCUTTA 1980-89; SCIENTIST C, C.F.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH (DESIGN & RESEARCH).

LANGUAGES : BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : APPLIED RESEARCH - 1; CONSTRUCTION - 4; OPERATION - 1; PRODUCTION - 2;

3401

SHRI K C BIT; (B. APRIL 12, 1946),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) - CALCUTTA '66; M.SC. CHEMISTRY - NORTH BENGAL '69.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; APPLIED CHEMISTRY; CHEMISTRY OF COAL TAR; COAL CARBONISATION BY-PRODUCTS.

EXPERIENCE : J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B, C.F.R.I., 1970-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D ON UTILISATION AND SYNTHESIS OF CHEMICALS FROM COAL CARBONISATION BYPRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES.PAPERS-2, PATENTS TAKEN - 6. PROCESSES DEVELOPED - 10. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 16, TEACHING - 1.

3402

SHRI D R BOSE; (B. AUGUST 15, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - RANCHI '61.

SPECIALIZATIONS : COAL RESOURCE AND QUALITY ASSESSMENT.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I., SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : COAL RESOURCE AND QUALITY ASSESSMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TESTING - 1, TEACHING - 1.

3403

SHRI A B CHAKRABORTY; (B. AUGUST 10, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66; ADVANCED FUEL TECHNOLOGY. SOLID AND GASEOUS FUELS - INSTITUTE OF FUEL, UK '70.

SPECIALIZATIONS : COAL CARBONISATION; ANALYSIS OF FUELS, SILICATES, ORES AND ALLOYS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D IN COAL CARBONISATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3. TECH. REPORTS - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 20, TESTING - 30.

3404

DR A K CHAKRABORTY; (B. NOVEMBER 10, 1939),

SCIENTIST C. COAL SURVEY LABORATORY. RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '62: A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '71: PH.D. HETEROPOLY ANIONS AND THEIR SALTS - RANCHI '84.

SPECIALIZATIONS : HETEROPOLY ACIDS AND THEIR SALTS; PHYSICO-CHEMICAL ANALYSIS OF COAL AND COKE.

SPECIALIZATIONS : HETEROPOLY ACIDS AND THEIR SALTS; PHYSICO-CHEMICAL ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-86; (ALSO TRAINING IN SCIENCE TRANSLATION IN RUSSIAN, INSDOC, 1969); SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 27 YEARS.

3405

SHRI C C CHAKRABORTY; (B. FEBRUARY 10, 1945),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '75.

SPECIALIZATIONS : COAL RESOURCE AND QUALITY ASSESSMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I.,1970-83; SCIENTIST C, C.F.R.I. SINCE JULY, 1983.

PRESENT ACTIVITIES : R & D, TESTING AND QUALITY CONTROL OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2, ANNUAL REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, TESTING - 20, QUALITY CONTROL - 20, MAINTENANCE - 20, SURVEY OF NATURAL RESOURCES - 20.

3406

SHRI H D CHAKRABORTY; (B. JANUARY 22, 1938),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.O.A.T. MECHANICAL ENGINEERING - WEST BENGAL '57.

SPECIALIZATIONS : WORKSHOP MANAGEMENT.

EXPERIENCE : FOREMAN, S.T.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : WORKSHOP MANAGEMENT; MAINTENANCE AND OPERATION OF AIR CONDITIONING PLANT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 20, PILOT PLANT - 3, OPERATION - 4, MAINTENANCE - 22.

3407

SHRI M C CHAKRABORTY; (B. NOVEMBER 10, 1940),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '62.

SPECIALIZATIONS : ANALYSIS AND TESTING OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : ANALYSIS AND TESTING OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, TESTING - 24, QUALITY CONTROL - 24, SURVEY OF NATURAL RESOURCES - 24.

3408

SHRI S K CHAKRABORTY; (B. DECEMBER 1, 1935),

SCIENTIST C, COAL SURVEY LABORATORY. RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : PHYSICO-CHEMICAL ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988

PRESENT ACTIVITIES : PHYSICO-CHEMICAL ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30

3409

SHRI S R CHAKRAVORTY; (B. JUNE 10, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION; PREPARATION OF TECHNICAL REPORTS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-81; SCIENTIST C, C.F.R.I. SINCE MARCH, 1981.

PRESENT ACTIVITIES : RESEARCH, ASSESSMENT OF COAL RESOURCES AND PREPARATION OF TECHNICAL REPORTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 19.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, TESTING - 31, QUALITY CONTROL - 31, SURVEY OF NATURAL RESOURCES - 31.

3410

SHRI S K CHANDA; (B. SEPTEMBER 7, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : COAL SCIENCE AND TECHNOLOGY.

EXPERIENCE : APPRENTICE, J.L.A., S.L.A., J.T.A., S.S.A. AND SCIENTIST B, C.F.R.I.,1961-86; SCIENTIST C, C.F.R.I. SINCE MARCH, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 3, ARTICLES - 2, PATENTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 10, PILOT PLANT - 15, OPERATION - 12, TESTING- 8. MAINTENANCE- 2, TEACHING- 2, PRODUCTION-8

3411

DR A K CHATTERJEE; (B. MARCH 18, 1936),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '70; PH.D. APPLIED CHEMISTRY - I.S.M. '84.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE: COAL CHEMICALS AND FERTILISERS.

EXPERIENCE : SCIENCE TEACHER, SARADA VIDYAPITH, DUBRAJPUR, 1959-62; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I, 1962-85; SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 10, TEACHING - 3.

3412

SHRI D S CHATTERJEE; (B. AUGUST 29, 1939),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '60; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66.

SPECIALIZATIONS : COAL AND ALLIED PRODUCTS.

EXPERIENCE : LABORATORY ASSISTANT, SCIENTIFIC ASSISTANT, SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-85; SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, ARTICLES - 1, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 11, TECH. DEV. - 7, PILOT PLANT - 3.

3413

SHRI P K CHATTERJEE; (B. JULY 21, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - BURDWAN '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69; SOLID FUEL IN ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '66.

SPECIALIZATIONS : RESOURCE QUALITY SURVEY OF COAL.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1964-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988 PRESENT ACTIVITIES: RESEARCH AND ANALYSIS; R&D IN THE CONVERSION OF COAL TO SRC

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4, ANNUAL REPORTS - 16, PATENT TAKEN 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, PILOT PLANT - 6, SURVEY OF NATURAL RESOURCES - 8.

3414

MRS C CHAUDHURY; (B. AUGUST 10, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '61.

SPECIALIZATIONS : COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28.

3415

SHRI A G CHOUDHURI; (B. FEBRUARY 9, 1937),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '70.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE: INSTRUMENTAL ANALYSIS; DATA INTERPRETATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE; COLLATION, COMPILATION AND R & D ON UTILISATION OF COAL & LIGNITES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 32, APP. RES. - 31, TESTING - 32, SURVEY OF NATURAL RESOURCES - 32, DOCUMENTATION - 19, R & D MGMT - 3.

3416

SHRI A CHOUDHURY; (B. APRIL 7, 1952),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - CALCUTTA '72; M.SC. PHYSICS - CALCUTTA '74; ASSOCIATES - SAHA INSTITUTE OF NUCLEAR PHYSICS, CALCUTTA.

SPECIALISATIONS : X-RAY DIFFRACTION; SOLID STATE PHYSICS;

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.R.R.I., 1978-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PREFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 3, APP. RES. - 9.

3417

SHRI ASHIM CHOUDHURY; (B. APRIL 7, 1952),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) PHYSICS - CALCUTTA '72; M.SC. PHYSICS - CALCUTTA '74; ASSOCIATES - SAHA INSTITUTE OF NUCLEAR PHYSICS, CALCUTTA.

SPECIALIZATIONS : X-RAY DIFFRACTION; SOLID STATE PHYSICS.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1978-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 9.

3418

SHRI H P ROY CHOUDHURY; (B. MARCH 12, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - DACCA '59; ADVANCED SOLID FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '72.

SPECIALIZATIONS : ANALYSIS OF COAL ASH AND MINERALS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ANALYSIS OF COAL ASH AND MINERALS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 5, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 30, TESTING - 30, SURVEY OF NATURAL RESOURCES - 30, ARTICLES - 1.

3419

SHRI K P DAS CHOUDHURY; (B. JANUARY 1, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - GAUHATI '64; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALIZATIONS : COAL PREPARATION.

EXPERIENCE : DEMONSTRATOR, GOVERNMENT POLYTECHNIC, SILCHAR, 1964-66; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1966-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D IN COAL PREPARATION.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING - 2.

3420

SHRI S S CHOUDHURY; (B. AUGUST 10, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68.

SPECIALIZATIONS : MICROBIOLOGY; BIOCHEMISTRY; AGRICULTURAL CHEMISTRY; COAL SCIENCE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 3, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 17, CONSULTANCY - 1.

3421

SHRI PRIYABONDHU CHOWDHURY; (B. JANUARY 15, 1939),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '60; A.M.I.E. CHEMICAL ENGINEERING - INSTITUTION OF ENGINEERS, INDIA '66; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68.

SPECIALIZATIONS COAL LIQUEFACTION TECHNOLOGY

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-84; SCIENTIST C, C.F.R.I. SINCE OCTOBER, 1984.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 2. PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., OPERATION, TESTING (TOTAL:29 YEARS).

3422

DR B P DAS; (B. FEBRUARY 7, 1941),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68. ADVANCE FUEL TECHNOLOGY (SOILD & GASEOUS FUELS) - FRI'69; PH.D '90.

SPECIALIZATIONS : RECOVERY, UTILISATION AND CHARACTERIZATION OF COAL CARBONIZATION BY-PRODUCTS; FINE CHEMICALS FROM COAL TAR AND LIQUOR; CONVERSION OF COAL CHEMICALS, WASTES AND POLLUTION FROM COAL CONVERSION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-84; SCIENTIST C, C.F.R.I. SINCE AUGUST, 1984.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 7. ARTICLES - 2. PATENTS TAKEN - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5. APP. RES. - 30. TESTING - 25.

3423

DR N S DAS; (B. MARCH 22, 1949),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '67; M.SC. CHEMISTRY - CALCUTTA '69; PH.D. CHEMISTRY - CALCUTTA '76.

SPECIALIZATIONS : INORGANIC CHEMISTRY; CHEMISTRY OF COORDINATION COMPOUNDS; CHEMISTRY OF ORGANOMETALLICS; CHEMISTRY OF HOMOGENEOUS CATALYSIS IN L-PHASE; COMPUTER SCIENCE; FISCHER-TROPSCH SYNTHESIS; GAS CHROMATOGRAPHY.

EXPERIENCE : ASSISTANT TEACHER, T.B.H.S. SCHOOL, CALCUTTA, 1970-71; RESEARCH SCHOLAR, INDIAN ASSOCIATION FOR CULTIVATION OF SCIENCE, CALCUTTA, 1971-78; S.S.A. AND SCIENTIST A, C.F.R.I., 1978-83; SCIENTIST B, C.F.R.I.,1983-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 9. REVIEW PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7. APP. RES. - 12. TEACHING - 1.

3424

SHRI SYAMAL KUMAR DAS; (B. JUNE 20, 1941),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - BURDWAN '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '72.

SPECIALIZATIONS : ANALYSIS OF SILICATES, ORES, ALLOYS, COAL AND GAS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1965-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ANALYSIS OF FUEL.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18. TESTING - 18. SURVEY OF NATURAL RESOURCES - 18.

3425

DR RAHUL DASGUPTA; (B. OCTOBER 28, 1947),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - PATNA '66; B.TECH. (HONS.) CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '69; PH.D. CHEMICAL ENGINEERING - I.I.T., KHARAGPUR '83.

SPECIALIZATIONS : COAL LIQUEFACTION TECHNOLOGY; SIMULATION AND MODELLING; COMPUTER PROGRAMMING; STATISTICAL DESIGN OF EXPERIMENTS; REACTION ENGINEERING.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1970-86; SCIENTIST C C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 2, APP. RES. - 7, DESIGN - 2, PILOT PLANT - 2, OPERATION - 1, COMPUTER PROCESSING - 6.

3426

SHRI S K DATTA; (B. MARCH 26, 1942),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - RANCHI '61.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE; PILOT PLANT MAINTENANCE.

EXPERIENCE : J.L.A., S.F., J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.F.R.I. 1961-88; SCIENTIST C, C.F.R.I. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : RESEARCH IN COAL QUALITY ASSESSMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20. PILOT PLANT - 9. TESTING - 25.

3427

SHRI J K DEVA; (B. SEPTEMBER 3, 1940),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - PATNA '62.

SPECIALIZATIONS : COAL GEOLOGY; SURVEY AND UTILIZATION OF COAL.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-86; SCIENTIST C, C.F.R.I. SINCE JUNE, 1986.

PRESENT ACTIVITIES : SURVEY AND UTILISATION OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 27, SURVEY OF NATURAL RESOURCES - 27.

3428

SHRI A K DEY; (B. JULY 1, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '63; M.SC. ORGANIC CHEMISTRY - JIWAJI '67.

SPECIALIZATIONS : CATALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I:, 1970-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL:21 YEARS).

3429

SHRI D N DHAR; (B. JANUARY 28, 1938),

SCIENTIST C, COAL SURVEY LABORATORY, JAMMU (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - J & K '60; M.SC. ORGANIC CHEMISTRY - MEERUT '80; DIPLOMA IN BUSINESS ADMINISTRATION - J & K '71.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE AND LIGNITE.

EXPERIENCE : J.L.A., R.R.L., JAMMU, 1960-61; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I., SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D ON COAL AND LIGNITE.

LANGUAGES : KASHMIRI, URDU, HINDI, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 30, SURVEY OF NATURAL RESOURCES - 30.

3430

SHRI B K DUTTA; (B. JANUARY 1, 1946),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.CH.E. CHEMICAL ENGINEERING - JADAVPUR '69.

SPECIALIZATIONS : COAL LIQUEFACTION; COMPUTER PROGRAMMING.

EXPERIENCE : TRAINEE, J.R.F., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1970-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, DESIGN - 2, PILOT PLANT - 3, OPERATION - 3, TESTING - 1, QUALITY CONTROL - 1, COMPUTER PROCESSING - 1.

3431

DR G S DWIVEDI; (B. FEBRUARY 19, 1941),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - AGRA '60; M.SC. CHEMISTRY - AGRA '63; PH.D. CHEMISTRY - I.I.SC., BANGALORE '70.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; SOLAR ENERGY; PHOTOVOLTAICS; PHOTOCHEMISTRY.

EXPERIENCE : SCIENTIST B, C.F.R.I., 1969-75; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1975.

PRESENT ACTIVITIES : RESEARCH IN SOLAR ENERGY, PHOTOVOLTAICS AND PHOTOCHEMISTRY.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL:20 YEARS).

3432

SHRI S R DWIVEDI; (B. AUGUST 21, 1938),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR'61; M.SC. CHEMISTRY - BIHAR'75.

SPECIALIZATIONS : SOLVENT EXTRACTION OF COAL; COAL LIQUEFACTION; COAL CONVERSION; GASIFICATION.

EXPERIENCE : J.T.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-85; (ALSO SPECIALISED TRAINING IN SOLVENT EXTRACTION AND LIQUEFACTION OF COAL AND CHARACTERISATION OF THE PRODUCTS, UK, 1978); SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 2, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 8, R&D MGMT. - 27.

3433

SHRI S P GHOSE; (B. FEBRUARY 16, 1936),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '56; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, U.K. '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : SPECIAL COKE; CARBON BLOCKS.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1957-84; SCIENTIST C, C.F.R.I. SINCE AUGUST, 1984.

PRESENT ACTIVITIES : PREPARATION OF SPECIAL COKE & CARBON BLOCKS; GRAPHITIZATION AND ANALYSIS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 10, REVIEW PAPERS - 4, PATENTS TAKEN - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 6, SURVEY OF NATURAL RESOURCES - 8.

3434

SHRI BANIKAR GHOSH; (B. SEPTEMBER 15, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - NORTH BENGAL '65; M.SC. PHYSICAL CHEMISTRY - NORTH BENGAL '68.

SPECIALIZATIONS : INSTRUMENTAL ANALYSIS; EMISSION SPECTROSCOPY; ATOMIC ABSORPTION SPECTROSCOPY; GC-MS SPECTROSCOPY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1970-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECH. REPORTS - 3, PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., SURVEY OF NATURAL RESOURCES (TOTAL:20 YEARS).

3435

DR GORA GHOSH; (B. DECEMBER 24, 1948),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - JADAVPUR '67; M.SC. ORGANIC CHEMISTRY - JADAVPUR '69; PH.D. CHEMISTRY - JADAVPUR'84.

SPECIALIZATIONS : COAL SCIENCE; SOLID STATE PULSE NMR.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1970-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH IN COAL CHEMISTRY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20.

3436

SHRI R K GHOSH; (B. FEBRUARY 5, 1935),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '67; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : COAL PREPARATION TECHNOLOGY; COAL RESOURCE AND QUALITY ASSESSMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A.; SCIENTIST A AND SCIENTIST B, C.F.R.I., 1962-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D IN COAL PREPARATION TECHNOLOGY, ORES FLOTATION PILOT PLANT TESTING, TECHNICAL AUDITING OF WASHERIES & DRY CLEANING OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, TECH. REPORTS - 29.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 20, TECH. DEV. - 2, PILOT PLANT - 9. TESTING - 12.

3437

SHRI R P GHOSH; (B. MARCH 19, 1936),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : COAL CARBONISATION; DEVELOPMENT OF FLUID BED COMBUSTION OF COAL; DESULPHURISATION OF PETROLEUM COKE; RESOURCE QUALITY ASSESSMENT OF COAL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-83; SCIENTIST C, C.F.R.I. SINCE JANUARY, 1983.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, PILOT PLANT - 10, OPERATION - 10, QUALITY CONTROL - 10, SURVEY OF NATURAL RESOURCES - 10 YEARS.

3438

SHRI S B GHOSH; (B. AUGUST 4, 1935),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '60; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68.

SPECIALIZATIONS : EMISSION SPECTROSCOPY; ATOMIC ABSORPTION; MASS SPECTROMETRY ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., SURVEY OF NATURAL RESOURCES (TOTAL:29 YEARS).

3439

DR T K GOSWAMI; (B. AUGUST 17, 1944),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA'72; PH.D. APPLIED CHEMISTRY - I.S.M., DHANBAD'83.

SPECIALIZATIONS : GAS CHROMATOGRAPHY; COAL CONVERSION TECHNOLOGY; SYNTHESIS OF HYDROXYAROMATIC COMPOUNDS; POLYALKYLBENZENES FROM COAL DERIVATIVES.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1964-86; SCIENTIST C, C.F.R.I., SINCE FEBRUARY, 1986

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH IN GAS CHROMATOGRAPHY.

LANGUAGES : BENGALI, HINDI, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS -13, TECH. REPORTS - 1, PATENTS TAKEN - 4, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 26, PILOT PLANT - 6.

3440

SHRI P K GUHA; (B. JULY 15, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69; ADVANCED FUEL TECHNOLOGY, SOLID & GASEOUS FUEL - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : ANALYSIS OF COAL, MINERALS, SILICATES, ORES AND ALLOYS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1962-81; SCIENTIST B, C.F.R.I., 1981-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COAL ASH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECHNICAL REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29.

3441

SHRI P K GUPTA; (B. AUGUST 23, 1938),

SCIENTIST C, COAL SURVEY LABORATORY, JHARIA (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '71.

SPECIALIZATIONS : RESOURCE SURVEY OF COAL; ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1965-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : ANALYSIS AND RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 6, SCIENTIFIC BOOKS - 1, ANNUAL REPORTS - 21.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, SURVEY OF NATURAL RESOURCES - 16, DOCUMENTATION - 3, INSTRUMENTAL ANALYSIS - 2.

3442

SHRI R K JAIN; (B. NOVEMBER 11, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, JAMMU (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - PANJAB '59; M.SC. INORGANIC CHEMISTRY - JAMMU '79.

SPECIALIZATIONS : ANALYSIS OF FUELS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 29.

3443

SHRI S J KANETKAR; (B. AUGUST 1, 1936),

SCIENTIST C, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66.

SPECIALIZATIONS : TESTING AND ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : TESTING AND ANALYSIS OF COAL AND COKE.

LANGUAGES : MARATHI, HINDI, ENGLISH

PUBLICATIONS & PATENTS : TECH. REPORTS - 6

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 30.

3444

SHRI Y S KAUSHIKKAR; (B. JANUARY 6, 1936),

SCIENTIST C. COAL SURVEY LABORATORY. NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '58; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '68.

SPECIALIZATIONS : TESTING AND ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1960-87: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : TESTING AND ANALYSIS OF COAL AND COKE.

LANGUAGES : MARATHI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 30.

3445

SHRI P C KUMAR; (B. FEBRUARY 20, 1949),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) MATHEMATICS - PATNA '69; M.SC. MATHEMATICS - PATNA '71.

SPECIALIZATIONS : EDITING; STATISTICS; LIAISON.

EXPERIENCE : S.L.A., J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I., 1973-88: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : PUBLICATION. EDITING, INFORMATION DISSEMINATION AND LIAISON.

LANGUAGES : HINDI. BENGALI. ENGLISH. GERMAN.

PUBLICATIONS & PATENTS : REVIEW PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PUBLICATION AND EDITING - 12. STATISTICS. PLANNING AND ENERGY SURVEY - 6.

3446

SHRI A P KUNDU; (B. APRIL 2, 1943),

SCIENTIST C. COAL SURVEY LABORATORY. JHARIA (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - BURDWAN '63; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '68: CERTIFICATE IN SOLID FUEL - CFRI '67.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : GRADUATE APPRENTICE. S.L.A., J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1964-87; SCIENTIST C. C.F.R.I., SINCE FEBRUARY. 1987

PRESENT ACTIVITIES : RESEARCH AND ANALYSIS.

LANGUAGES : BENGALI. HINDI. SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 8. ANNUAL REPORTS - 21.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11. PILOT PLANT - 1. SURVEY OF NATURAL RESOURCES - 18. DOCUMENTATION - 5.

3447

SHRI S P MAITRA; (B. APRIL 9, 1938),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '60.

SPECIALIZATIONS : INSTRUMENTATION.

EXPERIENCE : J.L.A.. S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1961-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : DESIGN. DEVELOPMENT. FABRICATION AND MAINTENANCE OF INSTRUMENTS.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN. TECH. DEV.. PILOT PLANT, CONSTRUCTION. OPERATION, TESTING. MAINTENANCE (TOTAL:26 YEARS).

3448

SHRI B K MAJUMDAR; (B. DECEMBER 20, 1946),

SCIENTIST C. COAL SURVEY LABORATORY. RANCHI (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BURDWAN '67: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '81.

SPECIALIZATIONS : COAL RESOURCE QUALITY ASSESSMENT.

EXPERIENCE : ASSISTANT TEACHER. B.H.S.M. SCHOOL. BALAGARH. 1967-69: GRADUATE APPRENTICE. S.L.A.. J.S.A.. S.S.A. AND SCIENTIST A. C.F.R.I., 1969-88; SCIENTIST B. C.F.R.I., 1983-88: SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988

PRESENT ACTIVITIES : ANALYSIS AND RESEARCH.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 21. TEACHING - 2.

3449

SHRI B K MALL; (B. JUNE 8, 1951),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (ENGG.) CHEMICAL - RANCHI '73; M.TECH. CHEMICAL ENGINEERING - B.H.U. '76.

SPECIALIZATIONS : RHEOLOGY; STABILIZATION OF COAL IN OIL/WATER; COAL COMBUSTION.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I., 1978-87: SCIENTIST C. C.F R.I. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : HINDI, BENGALI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. PATENTS TAKEN - 1. PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 1. TECH REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12. PILOT PLANT - 4.

3450

SHRI S K MANDAL; (B. OCTOBER 28, 1940),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '60; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '71.

SPECIALIZATIONS : FUEL TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESOURCE QUALITY SURVEY OF COAL.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1. TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, TESTING - 6, SURVEY OF NATURAL RESOURCES - 23.

3451

SHRI V P MARWAHA; (B. JUNE 5, 1939),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - PANJAB '62.

SPECIALIZATIONS : COAL CARBONISATION TECHNOLOGY; TECHNOLOGY UTILIZATION AND PROJECT MONITORING AND EVALUATION.

EXPERIENCE : J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-89: SCIENTIST C, C.F.R.I. SINCE FEBRUARY. 1989.

PRESENT ACTIVITIES : PROJECT MONITORING; TECHNOLOGY TRANSFER:INDUSTRIAL LIAISON.

LANGUAGES : HINDI. URDU, PUNJABI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, ANNUAL REPORTS - 16.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.. PILOT PLANT, OPERATION, MAINTENANCE AND TECHNOLOGY TRANSFER (TOTAL:28 YEARS).

3452

SHRI P K MAZUMDAR; (B. NOVEMBER 11, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; FUEL TECHNOLOGY - INSTITUTE OF FUEL U.K. '67.

SPECIALISATIONS : RESOURCE QUALITY ASSESSMENT OF COAL AND ITS UTILIZATION; FORMED COKE TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., J.S.O. AND S.S.O. II, C.F.R.I., 1958-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D ON PRODUCTION OF FORMED COKE FROM NON COKING COAL, COKE BREEZE LIGNITE AND OTHER CARBONACEOUS MATERIALS; PREPARATION OF SUITABLE BINDERS FOR BRIGUETTE MAKING.

LANGUAGES : BENGALI. ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES PAPERS -15. TECH REPORTS - 4. PATENT FILED -1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES -12, APP. RES - 20.

3453

SHRI SATINATH MAZUMDAR; (B. SEPTEMBER 19, 1942),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '63: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '69.

SPECIALIZATIONS : ACTIVE CARBON: OPERATION AND MAINTENANCE OF COAL-BASED CHEMICAL PLANTS; PREPARATION OF STABILIZED COAL WATER SLURRY & THEIR RHEOLOGICAL CHARACTERISTICS.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1964-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : R & D IN COAL WATER SLURRY WITH DIFFERENT SURFACE ACTIVE AGENTS FOR TRANSPORTATION IN PIPE LINE AND FOR DIRECT COMBUSTION IN INDUSTRY.

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 3, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. -26, TECH. DEVELOPMENT - 3, PILOT PLANT - 10. OPERATION - 10, TESTING - 6, QUALITY CONTROL - 2. TECHNOLOGY TRANSFER - 5.

3454

SHRI SUKHENDU MISRA; (B. MAY. 5, 1936),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : I.SC. - CALCUTTA '53.

SPECIALISATIONS : COAL HYDROGENATION: FISCHER-TROPSCH SYNTHESIS;

EXPERIENCE : J.L.A.. SHIFT FOREMAN. A.T.O.. S.T.A.. SCIENTIST A AND TECHNICAL OFFICER B. C.F.R.I.. 1956-90; SCIENTIST C, C.F.R.I. SINCE MAY, 1990.

PRESENT ACTIVITIES : R & D ON COAL HYDROGENATION AND FISCHER TROPSCH SYNTHESIS.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : PILOT PLANT - 33.

3455

SHRI BIPLAB MITRA; (B. MAY 27, 1943),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '62: A.I.C. - INSTITUTION OF CHEMISTS, INDIA '68.

SPECIALIZATIONS : MINERAL CHEMISTRY: ANALYTICAL CHEMISTRY OF SILICATES AND ORES: ANALYSIS OF SOLID FUELS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, 1963-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : TECHNOLOGY UTILISATION AND MONITORING, INDUSTRIAL LIAISON AND PLANNING.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, APP. RES. - 18, TESTING - 18 QUALITY CONTROL- 3, TECHNOLOGY UTILISATION- 3, PLANNING AND MONITORING -5.

3456

SHRI K K MITRA; (B. JANUARY 18, 1937),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67.

SPECIALIZATIONS : ANALYSIS OF COAL. SILICATES AND ORES.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-86; SCIENTIST C. C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 10, ARTICLE -1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 28, APP. RES. - 32, TESTING - 32, SURVEY OF NATURAL RESOURCES - 32.

3457

SHRI S K MITRA; (B. JUNE 30, 1938),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '57; DIPLOMA IN MECHANICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, BIHAR '61.

SPECIALIZATIONS : HIGH PRESSURE COAL GASIFICATION; HIGH PRESSURE COAL-TO-OIL CONVERSION PLANT.

EXPERIENCE : J.T.A., S.T.A./S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1962-81; SCIENTIST C, C.F.R.I. SINCE JULY, 1981.

PRESENT ACTIVITIES : R&D ON COAL HYDROGENATION PLANT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 28.

3458

SHRI S K MITRA; (B. DECEMBER 6, 1945),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - NORTH BENGAL '64; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '70.

SPECIALIZATIONS : COAL SCIENCE AND TECHNOLOGY.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A.. S.S.A. SCIENTIST A AND SCIENTIST B, C.F.R.I.. 1965-88; SCIENTIST C, C.F.R.I., SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R&D ON COAL BENEFICIATION AND COAL PREPARATION TECHNOLOGY.

LANGUAGES : BENGALI, HINDI. SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, TECH. REPORTS - 20. PATENTS - 1. PROCESSES DEVELOPED - 2. PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : CERTIFICATE OF MERIT FOR THE PAPER "PRODUCTION OF PALLET COKE FOR DOMESTIC USE", INSTITUTION OF ENGINEERS. INDIA.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, PILOT PLANT - 22, TESTING - 24.

3459

SHRI BISWANATH MONDAL; (B. OCTOBER 4, 1935),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : TESTING AND ANALYSIS OF COAL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1959-86; SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : TESTING AND ANALYSIS OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 31, TESTING - 31, SURVEY OF NATURAL RESOURCES - 31.

3460

SHRI S H MUKHERJEE; (B. DECEMBER 6, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '72.

SPECIALIZATIONS : SHIPMENT OF COALS; SAFE STORAGE AND STACKING OF COAL; COAL WASHING; ANALYSIS OF COAL, COKE, LIGNITE, SILICATES, ORES AND MINERALS; FLY ASH FUSIBILITY; RHEOLOGY OF COAL ASHS SLAG; PREPARATION OF MONOGRAPHS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I., 1960-87; SCIENTIST C. C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : RESEARCH AND DEVELOPMENT.

LANGUAGES : BENGALI. HINDI. ENGLISH. RUSSIAN.

PUBLICATIONS & PATENTS : TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., TESTING AND QUALITY CONTROL (TOTAL 30 YEARS).

3461

SHRI A K NAG; (B. DECEMBER 25, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '61; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE, MINERALS, SILICATES, ORES, ALLOYS AND WATER; UTILIZATION OF FLY ASH AND SPONTANEOUS COMBUSTION OF COAL AND LIQUID.

EXPERIENCE : L.D.C., J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., CONSULTANCY, TESTING AND QUALITY CONTROL (TOTAL:29 YEARS).

3462

SHRI D P NAG; (B. MAY 25, 1936),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA'59; SOLID & GASEOUS FUEL, CITY & GUILDS EXAM. LONDON, U.K.'69.

SPECIALIZATIONS : COAL CARBONISATION.

EXPERIENCE : J.L.A., SHIFT FOREMAN, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-86; SCIENTIST C, C.F.R.I. SINCE JULY, 1986.

PRESENT ACTIVITIES : RESEARCH IN BLENDING OF COAL FOR COKING.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 15, PATENTS TAKEN - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 11, PILOT PLANT - 2, TESTING - 10, PRODUCTION - 2.

3463

DR L L NAIK; (B. NOVEMBER 20, 1936),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3464

SHRI A K NANDI; (B. JANUARY 5, 1939),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '59; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, U.K. '71.

SPECIALIZATIONS : COAL WASHABILITY.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1960-85; SCIENTIST C, C.F.R.I. SINCE MAY 1985.

PRESENT ACTIVITIES : PHYSICAL AND CHEMICAL ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECHNICAL REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. 30, DOCUMENTION - 4.

3465

SHRI S K NANDI; (B. SEPTEMBER 1, 1939),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.- CALCUTTA '58; M.SC. MATHEMATICS - CALCUTTA '65; ADVANCED FUEL TECHNOLOGY - SOLID, GASEOUS FUEL INSTITUTE OF FUEL, UK '65; A.I.C. INSTITUTION OF CHEMISTS, INDIA '66

SPECIALIZATIONS : COAL SCIENCE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.F.R.I., 1960-89; SCIENTIST EI, C.F.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE; PROCESSING AND EDITING OF COAL TECHNOLOGY; PROJECT MONITORING AND EVALUATION WITH REGARD TO COAL TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT., TESTING, QUALITY CONTROL (TOTAL:30 YEARS).

3466

SHRI K C NATH; (B. JANUARY 1, 1937),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '58; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '65

SPECIALIZATIONS : COAL CARBONISATION; FUEL ANALYSIS.

EXPERIENCE : J.L.A., SHIFT FOREMAN, J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-85; SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D IN COAL CARBONISATION

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH REPORTS - 28, ARTICLES - 3, PATENTS FILED - 1, PROCESSES DEVELOPED - 1, APPARATUS DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 19, APP. RES. - 10, TESTING - 12.

3467

SHRI R B PAL; (B. FEBRUARY 22, 1935),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; A.M.I.E. CHEMICAL ENGINEERING.

SPECIALIZATIONS : CHEMICAL PROCESS DEVELOPMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1958-81; SCIENTIST C, C.F.R.I. SINCE MARCH, 1981.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECHNICAL REPORTS -32. RES PAPER - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 13, DESIGN - 11, TECH. DEV. - 2, PILOT PLANT - 5, PLANT CONSTRUCTION - 1.

3468

SHRI V P PARANJAPE; (B. FEBRUARY 19, 1945),

SCIENTIST C, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '67; M.SC. CHEMISTRY - NAGPUR '72.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, 1969-88; SCIENTIST C, C.F.R.I. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE: COAL AND COKE RESOURCE EQUALITY ASSESSMENT.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1; RES.PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 23.

3469

SHRI A K PAUL; (B. JANUARY 1, 1937),

SCIENTIST C, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '60; ADVANCED SOLID FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '68.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : PHYSICAL AND CHEMICAL ANALYSIS OF COAL AND COKE.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, SURVEY OF NATURAL RESOURCES - 26.

3470

DR H L PRASAD; (B. JULY 20, 1942),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR '62; M.SC. CHEMISTRY - PATNA '72; PH.D. ORGANIC CHEMISTRY - BUCHAREST, ROMANIA '78.

SPECIALIZATIONS : ANALYSIS AND UTILISATION OF COAL TAR BY-PRODUCTS AND FINE CHEMICALS; PILOT PLANT STUDIES OF LOW-TEMPERATURE CARBONISATION OF COAL; SYNTHETIC ORGANIC CHEMISTRY; HYDROCARBON RESINS FROM COAL CARBONISATION BY-PRODUCTS; ALTERNATE MODIFIED ROAD BINDERS FROM COAL TAR PITCH.

EXPERIENCE : SENIOR TEACHER, GUJARATI HINDI H.S. SCHOOL, JHARIA, 1963-65; J.T.A., S.T.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1966-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D ON LIQUID PHASE OXIDATION OF TOLUENE TO BENZALDEHYDE.

LANGUAGES : HINDI, ENGLISH, GERMAN, SWEDISH, ROMANIAN.

VISITED : ROMANIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

AWARDS & DISTINCTIONS : FELLOW, INDIAN CHEMICAL SOCIETY, 1982.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, TEACHING - 3.

3471

SHRI MITHILESH PRASAD; (B. SEPTEMBER 28, 1938),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '60; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '70; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '71.

SPECIALIZATIONS : FUEL TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1961-85; SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D IN STABILISED 'COAL WATER SLURRY' FOR LONG DISTANCE TRANSPORATION IN PIPE LINE AND FOR DIRECT COMBUSTION IN INDUSTRY.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 4, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 29, DESIGN - 2, PILOT PLANT - 10, OPERATION - 10, TESTING - 2, TECHNOLOGY TRANSFER - 5.

3472

SHRI L C RAM; (B. MARCH 23, 1954),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - GORAKHPUR '74; M.SC. INORGANIC CHEMISTRY - BHU '76.

SPECIALIZATIONS : INORGANIC CHEMISTRY; NUCLEAR TECHNIQUES; MOSSBAUER SPECTOMETRY, X-RAY SPECTOMETRY AND XRF.

EXPERIENCE : S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1978-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R&D.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP. RES. - 13.

3473

SHRI K S RAO; (B. OCTOBER 19, 1941),

SCIENTIST C, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - ANDHRA '61; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '68; B.JOURNALISM - NAGPUR '75; DIPLOMA IN RUSSIAN - NAGPUR '73.

SPECIALIZATIONS : ANALYSIS AND TESTING OF COAL.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : ANALYSIS AND TESTING OF COAL.

LANGUAGES : TELUGU, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : TECH. REPORTS - 7, RES PAPER - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 28.

3474

SHRI P K RAY; (B. APRIL 1, 1941),

SCIENTIST C, COAL SURVEY LABORATORY, RANIGANJ (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NORTH BENGAL '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69.

SPECIALIZATIONS : SOLID FUEL; COAL CARBONISATION; PALLETISATION OF IRON ORE.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1964-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, REVIEW ARTICLES - 3.

AWARDS & DISTINCTIONS : CASH AWARD FOR THE PAPER ON IRON-ORE PALLETISATION, STEEL TIMES ANNUAL REVIEW, STEEL INDUSTRY, LONDON, 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 7, APP. RES. - 10, PILOT PLANT - 1, OPERATION - 1, TESTING - 16, QUALITY CONTROL - 16, SURVEY OF NATURAL RESOURCES - 16.

3475

SHRI A K ROY; (B. AUGUST 8, 1942),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '63; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '72.

SPECIALIZATIONS : SOLVENT EXTRACTION OF COAL; ACTIVE CARBON; HIGH PRESSURE TECHNOLOGY.

EXPERIENCE : GRADUATE APPRENTICE, J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1965-88; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R&D IN COAL CONVERSION TECHNOLOGY WITH SPECIAL REFERENCE TO CONVERSION OF NON COKING COALS/LIGNITES TO COKING BLENDING/AGENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, TECH. REPORTS - 4, PATENTS TAKEN - 2, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. -15, TECH. DEVELOPMENT - 1, OPERATION - 7, TESTING - 6, QUALITY CONTROL - 4.

3476

SHRI DEB KUMAR ROY; (B. AUGUST 30, 1936),

SCIENTIST C, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '57; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '66.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1958-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COAL ASH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TESTING - 32, QUALITY CONTROL - 32, SURVEY OF NATURAL RESOURCES - 32.

3477

SHRI R A ROY; (B. JULY 3, 1945),

TECHNICAL OFFICER (C), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL ENGINEERING - BOARD OF TECHNICAL EDUCATION, BIHAR '66.

SPECIALIZATIONS : PLANNING; DESIGN; INSTALLATION AND MAINTENANCE OF ELECTRICAL INSTALLATIONS.

EXPERIENCE : ELECTRICAL ENGINEER (A) AND SCIENTIST B, C.F.R.I., 1976-86; TECHNICAL OFFICER (C), C.F.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : PLANNING, DESIGN, INSTALLATION AND MAINTENANCE OF ELECTRICAL INSTALLATIONS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 6, OPERATION - 1, TESTING - 6, MAINTENANCE - 8, TEACHING - 2.

3478

SHRI R R P ROY; (B. JANUARY 2, 1942),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

3479

DR SHYAM KISHORE ROY; (B. JANUARY 10, 1948),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BHAGALPUR '68: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '74: PH.D. APPLIED CHEMISTRY - I.S.M.. DHANBAD'85.

SPECIALIZATIONS : PROCESS DEVELOPMENT.

EXPERIENCE : S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1970-87: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : R&D IN SYNTHESIS OF CHEMICALS. OLEFINS AND HYDROCARBONS.

LANGUAGES : HINDI. MAITHILI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12. PATENTS FILED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21.

3480

SHRI SUNIL KUMAR ROY; (B. FEBRUARY 1, 1936),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '67: A.I.C. - INSTITUTION OF CHEMISTS. INDIA '68.

SPECIALIZATIONS : FUEL SCIENCE AND TECHNOLOGY: CATALYSIS AND ADSORPTION.

EXPERIENCE : S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1958-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : R&D IN CATALYSIS.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7. TECH. REPORTS - 6. PATENTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17. APP. RES. - 20. TESTING - 12.

3481

SHRI T K ROY; (B. JULY 6, 1937),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) MATHEMATICS - CALCUTTA '61: ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL. UK '68.

SPECIALIZATIONS : CRUSHING AND GRINDING OF COAL: ABRASION CHARACTERISTICS OF COAL AND ASSOCIATED MINERALS.

EXPERIENCE : S.L.A.. J.S.A.. S.S.A.. SCIENTIST A. SCIENTIST B AND SCIENTIST C. C.F.R.I.. 1962-89: SCIENTIST EI. C.F.R.I. SINCE FEBRUARY. 1989.

PRESENT ACTIVITIES : RESEARCH IN CRUSHING AND GRINDING OF COAL AND ABRASION CHARACTERISTICS OF COAL: PLANNING: R&D MANAGEMENT.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8. APP. RES. - 20. TESTING - 10. PLANNING - 15.

3482

SHRI N B SARKAR; (B. AUGUST 13, 1942),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '63: A.M.I.I.M. - INDIAN INSTITUTE OF METALS. INDIA '75.

SPECIALIZATIONS : INDUSTRIAL CARBONS; REFRACTORY RAW MATERIALS.

EXPERIENCE : S.L.A.. J.S.A. AND S.S.A.. NML. JAMSHEDPUR, 1965-79: SCIENTIST B. C.F.R.I.. 1978-84; SCIENTIST C. C.F.R.I. SINCE APRIL. 1984.

PRESENT ACTIVITIES : RESEARCH AND INVESTIGATION ON CARBON. COAL AND GRAPHITE.

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 5, ARTICLES - 1. PATENTS TAKEN - 1. PROCESSES DEVELOPED - 3. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3. APP. RES. - 14. PILOT PLANT - 2. TESTING - 1. PRODUCTION - 1.

3483

SHRI SUKUMAR SARKAR; (B. OCTOBER 21, 1943),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - RANCHI '69: A.M.I.I. CH.E. - INDIAN INSTITUTE OF CHEMICAL ENGINEERS.

SPECIALIZATIONS : CHEMICAL ENGINEERING: HIGH PRESSURE TECHNOLOGY: COAL SCIENCE.

EXPERIENCE : J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1970-86: SCIENTIST C. C.F.R.I. SINCE NOVEMBER. 1986

PRESENT ACTIVITIES : R&D IN COAL LIQUEFACTION/SRC PROCESSES

LANGUAGES : BENGALI. HINDI. ENGLISH. GERMAN.

VISITED : GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 7. PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5. APP. RES. - 4. DESIGN - 5. PILOT PLANT - 8.

3484

SHRI P K SARKER; (B. JULY 24, 1940),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '61; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '70; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '71.

SPECIALIZATIONS : COAL CARBONISATION; C1-CHEMISTRY: CATALYSIS: INSTRUMENTAL ANALYSIS.

EXPERIENCE : J.L.A.. S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I..1961-86; SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : RESEARCH ON UTILISATION OF COAL CARBONISATION BY-PRODUCTS & C1-CHEMISTRY: CHARACTERISATION OF LIQUID AND GASEOUS PRODUCTS AND CATALYSIS.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH. FRENCH. GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS -16. TECH. REPORTS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30. APP. RES. - 26. PILOT PLANT - 4. OPERATION - 9. TESTING - 4.

3485

MRS MEERA SEN; (B. JUNE 1, 1936),

SCIENTIST C, COAL SURVEY LABORATORY. NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - PATNA '58.

SPECIALIZATIONS : COAL PETROGRAPHY; COAL QUALITY ASSESSMENT.

EXPERIENCE : S.L.A., J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I., 1958-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : PHYSICAL AND CHEMICAL SURVEY OF COAL.

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10. APP. RES. - 10. SURVEY OF NATURAL RESOURCES - 10.

3486

SHRI PARTHA SENGUPTA; (B. MAY 8, 1946),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BURDWAN '66: M.S. SCIENCE & TECHNOLOGY - B.I.T.S.. PILANI '90.

SPECIALIZATIONS : BRIQUETTING TECHNOLOGY: FORMED COKE TECHNOLOGY; PLANNING AND TECHNOLOGY UTILIZATION.

EXPERIENCE : GRADUATE APPRENTICE. J.T.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I..1966-88: SCIENTIST C. C.F.R.I. SINCE JULY. 1988.

PRESENT ACTIVITIES : PROJECT PLANNING & MONITORING: TECHNOLOGY UTILIZATION.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. PATENTS TAKEN - 1. PROCESSES DEVELOPED - 1. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18. PILOT PLANT - 18. OPERATION - 18. TESTING - 20. MAINTENANCE - 18. PLANNING & MONITORING - 4.

3487

SHRI B L SHAH; (B. NOVEMBER 27, 1941),

SCIENTIST C. COAL SURVEY LABORATORY. BILASPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - SAUGAR '62; M.SC. ORGANIC CHEMISTRY - RAVI SHANKAR '73.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A.. S.L.A.. J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B, C.F.R.I.. 1963-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : COAL ANALYSIS.

LANGUAGES : GUJARATI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2. TECH. REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19. TESTING - 27. QUALITY CONTROL - 27. SURVEY OF NATURAL RESOURCES - 27.

3488

DR B K SHARMA; (B. APRIL 1, 1949),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - RANCHI '67; M.SC. CHEMISTRY - RANCHI '69; PH.D. CHEMISTRY '81.

SPECIALIZATIONS : CATALYSIS: MOSSBAUER SPECTROSCOPY IN COAL CONVERSION CATALYST AND CARBONISATION: COAL CHEMICALS: COMPUTER PROGRAMMING: SYNTHESIS OF HYDROCARBONS USING FISCHER - TROPSCH REACTION.

EXPERIENCE : S.L.A., J.S.A.. S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I., 1971-87: SCIENTIST C, C.F.R.I. SINCE FEBRUARY. 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI. ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 16. TECH REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12. APP. RES. - 20.

3489

DR M P SHARMA; (B. JANUARY 15, 1942),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR '62: M.SC. CHEMISTRY - PATNA '70: PH.D. CHEMISTRY - PATNA '80.

SPECIALIZATIONS : CHEMICALS FROM COAL TAR: ANALYSIS OF COAL TAR AND PETROLEUM PRODUCTS: COAL GASIFICATION; SYNTHESIS OF CHEMICALS AND HYDROCARBONS.

EXPERIENCE : J.T.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-85; SCIENTIST C, C.F.R.I. SINCE JULY, 1985.

PRESENT ACTIVITIES : R&D ON SYNTHESIS OF CHEMICALS, OLEFINS AND HYDROCARBONS.

LANGUAGES : HINDI, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 7, PATENTS TAKEN - 5, PROCESSES DEVELOPED - 5. PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28, PILOT PLANT - 8, R&D MGMT. - 20.

3490

SHRI O P SHARMA; (B. SEPTEMBER 19, 1938),

SCIENTIST C, COAL SURVEY LABORATORY, JAMMU (CFRI, DHANBAD).

QUALIFICATIONS : M.SC. INORGANIC CHEMISTRY - MEERUT '80; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69; ADVANCED FUEL TECHNOLOGY - INSTITUTE OF FUEL, UK '70; DIPLOMA IN BUSINESS ADMINISTRATION - JAMMU '71; M.A. ECONOMICS - HIMACHAL '78; LL.B. - JAMMU '83.

SPECIALIZATIONS : INORGANIC CHEMISTRY; ANALYSIS OF COAL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I., 1963-87; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 1, SURVEY OF NATURAL RESOURCES - - 27.

3491

SHRI P L SHARMA; (B. MARCH 3, 1936),

SCIENTIST C, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - JABALPUR '57. DIPLOMA - TECHNOLOGY OF FUEL & PETROLEUM.

SPECIALIZATIONS : COAL RESOURCE QUALITY ASSESSMENT; COAL BENEFICIATION: COAL SURVEY AND UTILISATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I.,1958-86; SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : COAL RESOURCE ASSESSMENT AND PREPARATION OF TECHNICAL REPORTS.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 32, QUALITY CONTROL - 32, SURVEY OF NATURAL RESOURCES - 32.

3492

DR JANARDAN SINGH; (B. JANUARY 11, 1942),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BIHAR '64; M.SC. CHEMISTRY - BIHAR '70: PH.D. CHEMISTRY - PATNA '80.

SPECIALIZATIONS : FORMED COKE PLANT OPERATION: COAL PREPARATION: BRIQUETTING OF COAL, CHAR AND IRON ORE: ENVIRONMENTAL POLLUTION.

EXPERIENCE : J.S.A., S.S.A., J.S.O. AND SCIENTIST B, C.F.R.I., 1966-86: SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : STUDIES ON EFFLUENTS ARISING FROM COAL-BASED INDUSTRIES.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 1, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 19, PILOT PLANT - 2, TEACHING - 1.

3493

SHRI RAMASHISH SINGH; (B. JANUARY 10, 1946),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - MAGADH '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '74.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE, LIGNITE ASH, ORES, MINERALS AND SILICATES; FREE SILICA IN COAL AND LIGNITE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, CFRI, 1984-89; SCIENTIST C, CFRI SINCE APRIL, 1989.

PRESENT ACTIVITIES : R&D AND ANALYSIS.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 5, MONOGRAPHS -5.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., CONSULTANCY, TESTING AND QUALITY CONTROL (TOTAL:17 YEARS).

3494

SHRI RAMENDRA SINGH; (B. OCTOBER 10, 1940),

SCIENTIST C, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - SAUGAR '63: M.SC. CHEMISTRY - RAVI SHANKAR '72.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.F.R.I. 1970-88: SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : COAL ANALYSIS.

LANGUAGES : HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TESTING - 20. QUALITY CONTROL - 20.

3495

DR B B SINHA; (B. APRIL 4, 1943),

SCIENTIST C, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '62; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '67; M.SC. MATHEMATICS - BURDWAN '69; P.G. COURSE IN ANALYTICAL CHEMISTRY - CHARLSE UNIVERSITY, CZECHOSLOVAKIA'80, PH.D FUEL ENGINEERING -I.S.M., 1988.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; ANALYSIS OF COAL, COKE, OIL, GAS, SILICATES, ORES, ALLOYS AND MINERALS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I. 1963-86; (ALSO ATTENDED P.G COURSE IN ANALYTICAL CHEMISTRY, CZECHOSLOVAKIA, 1979-80); SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R&D; ANALYSIS OF FUEL AND ALLIED MATERIALS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., CONSULTANCY. R&D MGMT., TESTING, QUALITY CONTROL (TOTAL 28 YEARS).

3496

SHRI B P SINHA; (B. JUNE 20, 1942),

SCIENTIST C. COAL SURVEY LABORATORY. BILASPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - RANCHI '61.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I..1962-87: SCIENTIST C, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ANALYSIS OF COAL.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19. TESTING - 28. QUALITY CONTROL - 28. SURVEY OF NATURAL RESOURCES - 23.

3497

DR S K SRIVASTAVA; (B. MARCH 28, 1951),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - GORAKHPUR '68: M.SC. CHEMISTRY - B.H.U. '70: PH.D. CHEMISTRY - B.H.U. '73.

SPECIALIZATIONS : THERMODYNAMICS: COORDINATION CHEMISTRY; KINETICS: INSTRUMENTAL ANALYSIS;COAL CHEMISTRY: COAL GASIFICATION: COAL PYROLYSIS: COAL DESULPHURIZATION.

EXPERIENCE : J.R.F. AND S.R.F.. NCL. POONA. 1970-74. S.R.F. AND POST DOCTORAL RESEARCH FELLOW. GORAKHPUR UNIVERSITY. GORAKHPUR. 1974-75: POST DOCTORAL RESEARCH FELLOW. CFRI. 1975-77: SCIENTIST A. NML. JAMSHEDPUR. 1977-78: SCIENTIST B, C.F.R.I.. 1978-88: SCIENTIST C. C.F.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : R&D ON COAL PYROLYSIS. COAL GASIFICATION AND COAL DESULPHURISATION.

LANGUAGES : HINDI. ENGLISH. GERMAN. SANSKRIT.

PUBLICATIONS & PATENTS : RES. PAPERS - 50. ARTICLES - 5.

AWARDS & DISTINCTIONS : FELLOW. INSTITUTION OF CHEMISTS (INDIA). 1978: FELLOW. INDIAN CHEMICAL SOCIETY. 1984.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20. APP. RES. - 20.

3498

DR G SUNDARAM; (B. JUNE 13, 1935),

SCIENTIST C, COAL SURVEY LABORATORY. NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - TRAVANCORE '56: A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALIZATIONS : ANALYSIS OF COAL. COKE AND COAL TAR BY-PRODUCTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B. C.F.R.I., 1957-86; SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TAMIL. MALAYALAM. HINDI. ENGLISH. FRENCH.

PUBLICATIONS & PATENTS : TECHNICAL REPORTS - 7. RES PAPER - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, R&D MGMT. - 21. TESTING - 21. QUALITY CONTROL - 10. SURVEY OF NATURAL RESOURCES - 21. ADMN. - 10.

3499

SHRI P C TALAPATRA; (B. JANUARY 20, 1938),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - PATNA '57.

SPECIALIZATIONS : FUEL ECONOMY.

EXPERIENCE : J.R.A.. SUGARCANE RESEARCH INSTITUTE. PUSA. 1957-63: J.S.A.. S.S.A.. SCIENTIST A AND SCIENTIST B. C.F.R.I.. 1963-86: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7. TECH. REPORTS - 4. PATENTS FILED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28. PILOT PLANT - 28.

3500

SHRI D N TEWARY; (B. JANUARY 9, 1944),

SCIENTIST C. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD

QUALIFICATIONS : B.SC. - BIHAR '62. A.I.C. - INSTITUTION OF CHEMISTS. INDIA '62.

SPECIALIZATIONS : COAL CARBONISATION: ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCEIENTIST B. C.F.R.I., 1962-88: SCIENTIST C. C.F.R.I. SINCE FEBRUARY. 1988.

PRESENT ACTIVITIES : R&D ON COAL CARBONISATION.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECHNICAL REPORT - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 28. PILOT PLANT - 6.

3501

SHRI S C BANDYOPADHYAY; (B. OCTOBER 1, 1942),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '64.

SPECIALIZATIONS : COAL CARBONISATION; ANALYSIS OF COAL. COKE AND GAS.

EXPERIENCE : GRADUTE APPRENTICE, C.F.R.I., 1965-66; J.L.A., S.L.A., J.S.A. AND S.S.A. AND SCIENTIST A, C.F.R.I., 1966-88: SCIENTIST B. C.F.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : R & D; TESTING OF COAL AND COKE: OPERATION AND MAINTENANCE OF H.T.C. PLANT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3. TECH. REPORTS - 23.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP.RES., PILOT PLANT. OPERATION. TESTING, QUALITY CONTROL, MAINTENANCE. PRODUCTION (TOTAL: 25 YEARS).

3502

SHRI RATNESWAR BANERJI; (B. JUL. 2, 1943),

TECHNICAL OFFICER (B). CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : TRADE APPRENTICS - CFRI '61: B A - RANCHI UNIVERSITY '68: WELDING SUPERVISORY COURSE - INDIAN OXYGEN LTD. CALCUTTA '77.

SPECIALIZATIONS : WORK-SHOP PRACTICE: WELDING.

EXPERIENCE : MECHANIC. SHIFT OPERATOR. SENIOR FOREMAN. SENIOR FOREMAN GR III (2) AND TECHNICAL OFFICER (A). C.F.R.I., 1961-88: TECHNICAL OFFICER (B). C.F.R.I.. SINCE MAY 1988.

PRESENT ACTIVITIES : WELDING.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : TECHNICAL DEV.. MAINTENANCE - 26 YEARS.

3503

SHRI C R BANGERJEE; (B. SEPTEMBER 3, 1936),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD

QUALIFICATION : B.SC. - RANCHI UNIVERISTY '78.

SPECILIZATIONS : ANALYSIS OF COAL & COKE.

EXPERIENCE : J.L.A.. S.L.A.. J.T.A.. S.S.A. AND SCIENTIST A. C.F.R.I.. DHANBAD. 1956-88: SCIENTIST B. C.F.R.I. SINCE APRIL. 1988.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COAL.

LANGUAGES : BENGALI. ENGLISH. HINDI.

PUBLICATIONS & PATENTS : TECH REPORTS - 38.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP RES - 34. TESTING - 34. SURVEY OF NAT R RESOURCES - 34, DOCUMENTATION - 4.

3504

SHRI ASIT KUMAR BATABYAL; (B. NOVEMBER 30, 1959),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC(HONS) GEOLOGY, BURDWAN '81; M.SC. GEOLOGY - CALCUTTA '83; HIGHER LEVEL DIPLOMA IN SCIENCE & TECHNOLOGY - BITS, PILANI '90; M.S. SCIENCE & TECHNOLOGY - B.I.T.S.. PILANI '90; CERTIFICATE IN BASIC, DBASE AND LOTUS - C.S.I., DURGAPUR '90.

SPECIALIZATIONS : ECONOMIC GEOLOGY; ORE PETROLOGY AND GEOCHEMISTRY; COAL SURVEY AND COAL GEOLOGY; COAL UTILIZATION.

EXPERIENCE : SCIENTIST B. C.F.R.I. SINCE NOVEMBER 1988.

PRESENT ACTIVITES : R & D: INVESTIGATIONS ON THE PROPER UTILIZATION OF COAL RESOURCES.

LANGUAGES : BENGALI. ENGLISH. HINDI. GERMAN.

PUBLICATIONS & PATENTS : RES. PAPER - 1.

PROFESSIONAL EXPERIENCE : APP. RES - 2. CONSULTANCY - 1. R & D MGMT. - 1. SURVEY OF NAT RESOURCES - 2. DOCUMENTATION - 1. COMPUTER PROCESSING - 1.

3505

SHRI G K BHARAT; (B. JULY 4, 1965),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. CHEMISTRY - SAMBALPUR '84: M.SC. CHEMISTRY - UTKAL '86: M.PHIL. APPLED CHEMISTRY- I.S.M.. DHANBAD '88.

SPECIALIZATIONS : ORGANIC CHEMISTRY: CATALYSIS.

EXPERIENCE : SCIENTIST B. C.F.R.I. SINCE JUNE. 1989.

PRESENT ACTIVITIES : PROPERTY & QUALITY ASSESSMENT OF COAL. COKE AND LIGNITE.

LANGUAGES : MALAYALAM, HINDI. ENGLISH. ORIYA. BENGALI.

PUBLICATIONS & PATENTS : RES PAPER - 5.

PROFESSIONAL EXPERIENCE : TESTING QUALITY CONTROL AND SURVEY OF NATURAL RESOURCES (TOTAL 2 YEARS).

3506

SHRI K S BHATTACHARYYA; (B. JANUARY 8, 1942),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3507

SHRI S R BHAUMIK; (B. SEPTEMBER 6, 1943),

ASSISTANT EXECUTIVE ENGINEER (B). CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - WEST BENGAL '64.

EXPERIENCE : S.L.A., JR. ENGINEER GI, JR. ENGINEER GII AND A.E.E., C.F.R.I., 1965-88; ASSISTANT EXECUTIVE ENGINEER (B), C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : EXECUTION OF CIVIL ENGINEERING WORK.

LANGUAGES : BENGALI, ENGLISH, HINDI.

3508

DR D K CHAKRAVARTY; (B. JUL. 7, 1948),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '68; M.SC. INORGANIC CHEMISTRY - BOMBAY '80; PH.D. APPLIED SCIENCE; I.S.M., DHANBAD '90.

SPECIALISATIONS : BENEFICIATION OF COAL; COAL FLOTATION; ULTRAFINE COAL FLOTATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1970-85; SCIENTIST B. C.F.R.I. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : BASIC RESEARCH, CONSULTANCY AND BENCH SCALE OPERATION;

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5; TECH. REPORTS - 10: PILOT PLANT - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 2, CONSULTANCY - 2 TESTING -10 COMPUTER PROCESSING - 1.

3509

DR AVIJIT CHANDRA; (B. AUGUST 6, 1954),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '73; M.SC. MATHEMATICS - RAVI SHANKAR '77; PH.D APPLIED MATHEMATICS - I.S.M., DHANBAD '85.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND J.S.O, C.F.R.I., 1979-92; SCIENTIST B, C.F.R.I. SINCE SEPTEMBER, 1992.

PRESENT ACTIVITIES : SAMPLING; PLANNING.

LANGUAGES : BENGALI. ENGLISH. HINDI.

3510

SHRI RAJATMAY CHATTERJEE; (B. SEPTEMBER 2, 1948),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '68; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '75.

SPECIALIZATIONS : COAL RESOURCE AND QUALITY ASSESSMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1970-84; SCIENTIST B. C.F.R.I. SINCE JULY. 1984.

PRESENT ACTIVITIES : R & D AND TESTING OF COAL AND COKE.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4. ANNUAL REPORTS - 18.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING - 20. QUALITY CONTROL - 20 MAINTENANCE - 20, SURVEY OF NATURAL RESOURCES - 20.

3511

SHRI A K CHATTOPADHYAY; (B. APRIL 8, 1954),

SCIENTIST B, COAL SURVEY LABORATORY, BILASPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) GEOLOGY - CALCUTTA '74; M.SC. GEOLOGY - CALCUTTA '76.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT: COAL GEOLOGY.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST A. C F R.I., 1982-86; SCIENTIST B, C.F.R.I. SINCE JUNE, 1986.

PRESENT ACTIVITIES : COAL SURVEY AND COAL GEOLOGY.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TESTING - 8. QUALITY CONTROL - 8. SURVEY OF NATURAL RESOURCES - 8.

3512

SHRI YUGESHWAR CHAUBEY; (B. JANUARY 14, 1942),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '64; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '83: CERTIFICATE IN ADVANCED GASEOUS FUEL. CFRI. 1969.

SPECIALIZATIONS : COAL RESOURCE AND QUALITY ASSESSMENT; ANALYSIS OF COAL AND COKE.

EXPERIENCE : GRADUATE APPRENTICE. CFRI. 1965. J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1966-88: SCIENTIST B. C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D; ANALYSIS OF COAL AND COKE.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 8, ANNUAL REPORTS - 24.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 21. TESTING - 21. SURVEY OF NATURAL RESOURCES - 21.

3513

MRS N CHOUDHURI; (B. DECEMBER 11, 1954),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '75; M.SC. GEOLOGY - CALCUTTA '77.

SPECIALISATIONS : COAL GEOLOGY; COAL PETROGRAPHY.

EXPERIENCE : J.S.A. AND S.S.A. C.F.R.I.. 1982-85: SCIENTIST B, C.F.R.I. SINCE AUGUST. 1985.

PRESENT ACTIVITIES : R & D IN COAL GEOLOGY AND PETROLOGY:

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4. TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 8, APPLIED RESEARCH - 8.

3514

SHRI B ROY CHOUDHURY; (B. SEPTEMBER 10, 1935),

SCIENTIST B. COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : COAL SCIENCE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I.. 1958-87; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : PHYSICAL AND CHEMICAL SURVEY OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 29.

3515

SHRI A K CHOWDHURY; (B. OCTOBER 19, 1950),

SCIENTIST B. COAL SURVEY LABORATORY, NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : A.I.C. - INSTITUTION OF CHEMISTS. INDIA '78: M.SC. CHEMISTRY - NAGPUR '84.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY: ANALYSIS OF COAL.

EXPERIENCE : SAMPLING SUPERVISOR. SUPERINTENDENCE CO. OF INDIA. 1969: J.L.A.. S.L.A.. J.S.A.. S.S.A. AND SCIENTIST A, C.F.R.I.. 1969-86: SCIENTIST B. C.F.R.I. SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : SURVEY OF NATURAL RESOURCES.

LANGUAGES : BENGALI. HINDI. ENGLISH. FRENCH. GERMAN.

PROFESSIONAL EXPERIENCE(IN YEARS) : QUALITY CONTROL - 1. SURVEY OF NATURAL RESOURCES - 17.

3516

SHRI AMALENDU DAS; (B. MAY 8, 1938),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '62.

SPECIALIZATIONS : CATALYSIS AND ADSORBENTS.

EXPERIENCE : DEMONSTRATOR. R.S.P. COLLEGE. JHARIA. 1963-64; J.L.A., S.L.A., J.S.A.. S.S.A. AND SCIENTIST A. C.F.R.I., 1964-85: SCIENTIST B. C.F.R.I. SINCE NOVEMBER. 1985.

PRESENT ACTIVITIES : RESEARCH IN CATALYSIS AND ADSORBENTS.

LANGUAGES : BENGALI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5. REVIEW PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23.

3517

SHRI GITESH CHANDRA DAS; (B. FEBRUARY 5, 1935),

ART OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRICULATION - EAST BENGAL SEC. EDUCATION BOARD, DACCA '51; BASIC TRAINING COURSE OF EDUCATION DEPARTMENT - BANIPUR & JHARGRAM (W.B) '55'; COMMERCIAL ART COURSE - INST OF CORRESPONDENCE COURSE, BOMBAY '66; SHORT COURSE TRAINING IN ART & DESIGN - BIMT, CALCUTTA '66; CO-OPERATIVE MANAGERSHIP TRAINING - W.B.GOVT. '87.

SPECIALISATIONS : COMMERCIAL ART; LAYOUT DESIGN; INTERIOR DECORATION.

EXPERIENCE : TRACER, JR. DRAFTSMAN, JR. ARTIST, SR. ART ASSTT. AND ART OFFICER (A), C.F.R.I., 1961-85; ART OFFICER (B), C.F.R.I. SINCE JUNE, 1985.

PRESENT ACTIVITIES : COMMERCIAL ART, LAYOUT & DESIGN IN REPROGRAPHIC PROCESS.

LANGUAGES : ENGLISH, HINDI, BENGALI.

3518

SHRI T B DAS; (B. OCTOBER 25, 1960),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - CALCUTTA '82; B.TECH. CHEMICAL TECHNOLOGY - CALCUTTA '87; M.TECH CERAMIC ENGINEERING - CALCUTTA '87..

EXPERIENCE : GRADUATE TRAINEE OFFICER, VALLEY REFRACTORIES LTD., DHANBAD, 1985-86; CERAMIST, HINDUSTAN SANITARY - WARE AND INDUSTRIES LTD., BHAHADURGARH 1987-89. SCIENTIST B, C.F.R.I. SINCE APRIL, 1989.

LANGUAGES : BENGALI. ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : QUALITY CONTROL - 3.

3519

SHRI Y C DASANDHI; (B. JUL. 29, 1955),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. CHEMICAL ENGINEERING - RANCHI '80; P.G.DIPLOMA INSTRUMENT TECHNOLOGY - RANCHI '82.

SPECIALISATIONS : PETROLEUM REFINING: INSTRUMENTATION TECHNOLOGY: FISCHER-TROPSCH SYNTHESIS.

EXERIENCE : JR.RES. FELLOW AND SR. RES. FELLOW, C.F.R.I. 1981-90; SCIENTIST B. C.F.R.I. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : R & D WORK FOR THE CONVERSION OF COAL TO OIL.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : APPLIED RESEARCH - 5.

3520

SHRI P K DASGUPTA; (B. MARCH 3, 1940),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '66.

SPECIALIZATIONS : LOW TEMPERATURE CARBONISATION: HYDROGENATION OF COAL TO OIL: CONVERSION OF COAL TO SOLVENT REFINED COAL.

EXPERIENCE : SHIFT OPERATOR, SHIFT FOREMAN, J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1961-86; SCIENTIST B, C.F.R.I. SINCE MARCH, 1986.

PRESENT ACTIVITIES : R&D ON COAL CONVERSION TO SOLVENT REFINED COAL (SRC).

LANGUAGES : BENGALI. HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PATENT - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 5. PILOT PLANT - 20

3521

SHRI T B DASGUPTA; (B. JANUARY 2, 1935),

TECHNICAL OFFICER (B). CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : MATRICULATION - BIHAR '55; SPECIAL TRAINING COURSE OF GAS OPERATION AND GAS PURIFICATION - C.F.R.I. '69.

EXPERIENCE : APPRENTICE. LAB. ATTENDANT. SHIFT OPERATOR. FOREMAN. FOREMAN B AND TECHNICAL OFFICER A. C.F.R.I., 1956-87; TECHNICAL OFFICER (B). C.F.R.I. SINCE JANUARY 1988.

PRESENT ACTIVITIES : PILOT PLANT DEVELOPMENT WORK AND INVESTIGATIONAL TRIAL OPERATION IN CONNECTION WITH R & D WORK OF BENCH SCALE AND PILOT COAL GASIFICATION PLANT

3522

SHRI P K DESHPANDE; (B. SEPTEMBER 14, 1944),

SCIENTIST B, COAL SURVEY LABORATORY. BILASPUR (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - SAUGAR '64.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT: COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1964-88; SCIENTIST B. C.F.R.I. SINCE MAY. 1988.

PRESENT ACTIVITIES : COAL RESOURCE ASSESSMENT.

LANGUAGES : MARATHI, HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, TESTING - 26, SURVEY OF NATURAL RESOURCES - 26.

3523

SHRI A N DHAR; (B. FEBRUARY 15, 1938),

TECHNICAL OFFICER (B). CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : DIPLOMA IN DRAUGHTSMANSHIP - NATIONAL COUNCIL FOR TRAINING IN VOCATIONAL TRADE, M.P '60.

EXPERIENCE : DRAUGHTSMAN. SVTC LTD., 1961-65; DRAUGHTSMAN, SR. DRAUGHTSMAN AND T TECHNICAL OFFICER (A). C.F.R.I., 1965-89; TECHNICAL OFFICER. B. C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : DRAWING & DESIGN.

LANGUAGES : BENGALI. ENGLISH. HINDI.

3524

SHRI G S DUTTA; (B. NOVEMBER 15, 1938),

TECHNICAL OFFICER (B). CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : TRADE APPRENTICESHIP , PILOT PLANT OPERATOR - C.F.R.I. '58.

EXPERIENCE : APPRENTICE, LAB. ATTENDANT., SHIFT OPERATOR. FOREMAN B AND TECHNICAL OFFICER (A). C.F.R.I., 1956-88; TECHNICAL OFFICER (B), C.F.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : PLANT OPERATION AND MAINTENANCE.

3525

DR PASHUPATI DUTTA; (B. SEPTEMBER 18, 1960),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - RANCHI '81; M.SC. ORGANIC CHEMISTRY - RANCHI '84; PH.D. CHEMISTRY - RANCHI '89.

SPECIALISATIONS : ORGANIC CHEMISTRY: CATALYSIS: SYNTHESIS OF CHEMICALS AND HYDROCARBONS

EXPERIENCE : CHEMISTRY TEACHER, D.A.V. SCHOOL. RANCHI. 1984-86; J.R.F. AND S.R.F.. C.F.R.I.. 1986-90; SCIENTIST B. C.F.R.I. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 2.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES - 5, APP. RES - 5, TEACHING - 1.

3526

SHRI S N GANGULY; (B. DECEMBER 31, 1940),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : MATRIC - SECONDARY SCHOOL EXAM. BOARD. PATNA '59.

EXPERIENCE : TRADE APPRENTICESHIP, SHIFT OPERATOR, SHIFT FOREMAN, FOREMAN B AND TECHNICAL OFFICER (A), C.F.R.I., 1961-89; TECHNICAL OFFICER (B). C.F.R.I. SINCE MAY, 1989.

PRESENT ACTIVITIES : OPERATION & MAINTENANCE OF PLANT.

3527

SHRI B B GHOSH; (B. AUGUST 16, 1939),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3528

SHRI H D GOSWAMI; (B. MAY. 6, 1938),

LIBRARY OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.A. - CALCUTTA; B.LIB.SC. - BURDWAN '75; CERTIFICATE IN INDEXING SYSTEM - IASLIC; BIBLIOMETRICS - I.I.C.B., CALCUTTA '88.

SPECIALISATIONS : LIBRARY SCIENCE; INDEXING, CLASSIFICATION AND CATALOGUE MAINTENANCE.

EXPERIENCE : JR. LIBRARIAN, SR. LIBRARIAN AND LIBRARY OFFICER (A), C.F.R.I., 1973-88; LIBRARY OFFICER (B). C.F.R.I. SINCE DECEMBER. 1988.

PRESENT ACTIVITIES : CATALOGOUE MAINTENANCE, CLASSIFICATION AND REFERNCE WORK.

LANGUAGES : HINDI. BENGALI. ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : MAINTENANCE. .ADMINSTRATION, DOCUMENTATION. COMPUTER PROCESSING.

3529

SHRI T GOURICHARAN; (B. NOVEMBER 16, 1961),

SCIENTIST B. CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. MINERAL BENEFICATION - ANDHRA '82; M.A.SC. MINERAL PROCESSING - GULBARGA '85; HIGHER LEVEL DIPLOMA - BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE. PILANI '90.

SPECIALISATIONS : MINERAL PROCESSING: COAL PREPARATION;

EXPERIENCE : MINERAL ENGINEER. FACOR. BHADRAK. 1985-87: POOL OFFICER. R.R.L.. BHUBANESWAR. 1987-89: SCIENTIST B. C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COAL PREPARATION:

LANGUAGES : TELUGU, ENGLISH. HINDI. ORIYA, BENGALI. KANNADA.

PUBLICATIONS & PATENTS : RES. PAPER - 5. TECH. REPORTS - 1. PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 4: OPERATION - 1.

3530

SHRI S K GUPTA; (B. JANUARY 7, 1943),

SCIENTIST B. CNTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

QUALIFICATIONS : B.SC. - BHAGALPUR ' 65.

SPECIALIZATIONS : FERTILIZER TESTING; ENVIROMENTAL SCIENCE; ANALYTICAL CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A.. S.S.A. AND SCIENTIST A. C.F.R.I.. DHANBAD, 1965-88; SCIENTIST B, C.F.R.I.. SINCE APRIL 1988.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : BENGALI. ENGLISH. HINDI.

PUBLICATIONS & PATENTS : RES PAPER - 8.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES - 20, TESTING - 15, MAIN - 20, PRODUCTION - 4.

3531

SHRI RAMA KANT JHA; (B. JANUARY 1, 1940),

SCIENTIST B, COAL SURVEY LABORATORY, JHARIA (CFRI. DHANBAD).

QUALIFICATIONS : B.SC. - BHAGALPUR '64.

SPECIALIZATIONS : ANALYSIS OF COAL.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I.. 1963-85; SCIENTIST B. C.F.R.I. SINCE DECEMBER. 1985.

PRESENT ACTIVITIES : ANALYSIS AND RESEARCH.

LANGUAGES : HINDI. SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4. SCIENTIFIC BOOKS - 1, ANNUAL REPORTS - 23.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18, TESTING - 10, SURVEY OF NATURAL RESOURCES - 18.

3532

SHRI A R JOSHI; (B. JULY 13, 1947),

SCIENTIST B, COAL SURVEY LABORATORY, NAGPUR (CFRI. DHANBAD).

QUALIFICATIONS : A.I.C. - INSTITUTION OF CHEMISTS , INDIA '78; M.SC. CHEMISTRY NAGPUR '78.

SPECIALIZATIONS : ORGANIC CHEMISTRY; ANALYSIS OF GAS. FUELS. MINERALS, SILICATES AND ORES.

EXPERIENCE : CHEMIST. SINDICHEM LTD., NAGPUR. 1968-70; S.L.A.. J.S.A.. S.S.A. & SCIENTIST A, C.F.R.I. 1970-86; SCIENTIST B. C.F.R.I SINCE FEBRUARY. 1986.

PRESENT ACTIVITIES : TESTING AND ANALYSIS OF COAL AND COKE.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : QUALITY CONTROL - 2, SURVEY OF NATURAL RESOURCES - 20

3533

DR V K KALYANI; (B. FEBRUARY 1, 1959),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC (HONS) MATHS (HONS) - BURDWAN '78; M.SC. APPLIED MATHEMATICS - RANCHI '82; M.PHIL APPLIED MATHEMATICS - INDIAN SCHOOL OF MINES, DHANBAD '84; PH.D APPLIED MATHEMATICS-INDIAN SCHOOL OF MINES '88.

SPECILIZATIONSS : MATHEMATICAL MODELLING; COMPUTER PROGRAMMING; NUMERICAL AND OPTIMIZATION TECHNIQUES; MATHEMATICAL SEISMOLOGY.

EXPERIENCE : SCIENTIST A, I S M, DHANBAD, 1987-90; SCIENTIST B, C.F.R.I. SINCE AUGUST, 1990.

PRESENT ACTIVITIES : MATHEMATICAL MODELLING.

LANGUAGES : SINDHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES PAPER - 10.

PROFESSIONAL EXPERIENCE (IN YEARS) : APPLIED RESEARCH - 3.

3534

SHRI G H KARMAKAR; (B. MARCH 1, 1941),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '63; A.I.C.- INSTITUTE OF CHEMISTS, INDIA '83.

SPECIALIZATIONS : RESEARCH QUALITY ASSESSMENT; R & D MANAGEMENT; COAL CARBONISATION.

EXPERIENCE : J.L.A, S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., DHANBAD, 1965-88; SCIENTIST A, C.F.R.I., DHANBAD, 1986-88; SCIENTIST B, C.F.R.I SINCE APRIL, 1988 (ALSO ATTENDED SHORT TERM TRAINING COURSE IN INSTRUMENTAL TECHNIQUES OF ANLAYSIS OF COALS AND COKE, WATER AND MINERALS.

PRESENT ACTIVITIES : R & D MANAGEMENT.

LANGUAGES : BENGALI, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 8, APPLIED RESEARCH - 8, R&D MGMT-, SURVEY OF NAT RESOURCES - 6.

3535

SHRI V K KARUNAKARAN; (B. OCTOBER 15, 1942),

SCIENTIST B, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. CHEMISTRY - KERALA '62.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1963-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988

PRESENT ACTIVITIES : R & D; COAL RESOURCE ASSESSMENT.

LANGUAGES : MALAYALAM, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 8, TESTING - 27, QUALITY CONTROL - 27, SURVEY OF NATURAL RESOURCES - 27.

3536

SHRI S R KHANWALKAR; (B. MARCH 4, 1953),

SCIENTIST B, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : M.SC. CHEMISTRY - JIWAJI '76.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1977-88; SCIENTIST B, C.F.R.I. SINCE OCTOBER, 1988.

PRESENT ACTIVITIES : ANALYSIS AND TESTING OF COAL.

LANGUAGES : MARATHI, HINDI, SANSKRIT; ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 14.

3537

SHRI A M KHOPKAR; (B. APRIL 15, 1937),

SCIENTIST B, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '60; ADVANCED FUEL TECHNOLOGY - C. & G., LONDON, U.K. '68.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : TEACHER, SCHOOLS, 1960-63; J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1963-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : ANALYSIS OF COAL.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : SURVEY OF NATURAL RESOURCES - 28.

3538

SHRI S B KITKARU; (B. JUNE 6, 1938),

SCIENTIST B, COAL SURVEY LABORATORY, NAGPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '60; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '82; CERTIFICATE IN RUSSIAN - NAGPUR '70.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE

EXPERIENCE : J.L.A., S.L.A.,J.S.A. AND S.S.A., C.F.R.I., 1963-82; SCIENTIST A, C.F.R.I., 1982-87; SCIENTIST B, C.F.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : ANALYSIS OF COAL, COKE AND GAS.

LANGUAGES : MARATHI, HINDI, SANSKRIT, ENGLISH, RUSSIAN.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, SURVEY OF NATURAL RESOURCES - 28.

3539

SHRI S MAHARAJ; (B. MARCH 2, 1946),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '67': A.I.C. - INSTITUTE OF CHEMISTS '83':

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A), C.F.R.I., 1969-88; TECHNICAL OFFICER B, C.F.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : ANALYSIS OF COAL & COKE AND ALLIED MATERIALS.

3540

SHRI P K MAJUMDER; (B. JANUARY 17, 1939),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATION : B.SC. - CALCUTTA '58: FUEL TECHNOLOGY - INSTITUTE OF FUEL TECH- NOLOGY '67.

SPECIALISATIONS : RESOURCE QUALITY ASSESSMENT OF COAL AND ITS UTILIZATION; FORMED COKE TECHNOLOGY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., J.S.O. AND S.S.O.(II), C.F.R.I., 1958-88; TECHNICAL OFFICER (B), C.F.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D STUDIES, ANALYSIS OF COAL, COKE AND ALLIED CARBONACEOUS MATERIALS.

LANGUAGES : BENGALI, ENGLISH, HINDI.

3541

SHRI BHAKTI PADA MALL; (B. FEBRUARY 20, 1950),

ASSISTANT EXECUTIVE ENGINEER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - BURDWAN '71; B.E MECHANICAL - BANGALORE '77; P.G. DIPLOMA, S&T DYNAMICS - B.I.T.S., PILANI '89.

SPECIALIZATIONS : WATER AND EFFLUENT TREATMENT; MAINTENANCE AND OPERATION OF WATER SUPPLY EQUIPMENTS; WORKSHOP PRACTICE; EMISSION STUDIES OF DOMESTIC CHULLHAS.

EXPERIENCE : PROJECT ENGINEER, VINNY ENGINEERING ENTERPRISES, 1978-88; ASSISTANT EXECUTIVE ENGINEER (B), C.F.R.I. SINCE OCTOBER 1988.

PRESENT ACTIVITIES : WATER TREATMENT & SUPPLY INCULDING MAINTENANCE OF THE SYSTEM.

LANGUAGES : BENGALI, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE (IN YEARS) : BAS. RES - 1, CONSTRUCTION - 7, OPERATION - 1, TESTING - 1.

3542

SHRI A K MANDAL; (B. JANUARY 1, 1943),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '64; A.I.C., INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALISATIONS : TESTING AND ANALYSIS OF COAL AND COKE; TESTING AND ANALYSIS OF SOIL FOR FERTILIZER DOSING.

EXPERIENCE : J.L.A, S.L.A, J.S.A, C.F.R.I., 1965-77; SOIL ANALYST, FERTILIZER CORPORATION OF INDIA, 1977-79; S.S.A., AND SCIENTIST A, C.F.R.I., 1979-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : TESTING AND ANALYSIS OF COAL & COKE.

LANGUAGES : BENGALI, ENGLISH, HINDI, GERMAN.

PUBLLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE : APP. RES. - 25, CONSULTANCY - 10, TESTING - 25, QUALITY CONTROL -20, SURVEY OF NAT.RESOURCES - 25, TECNO ECONOMIC SURVEY - 20, DOCUMENTATION - 10, EXTENSION - 2.

3543

SHRI R MENON; (B. DECEMBER 12, 1961),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC (HONS). GEOLOGY - OSMANIA '83; M.SC. GEOLOGY OSMANIA '86.

SPECIALZATIONS : GEOCHEMISTRY .

EXPERIENCE : SCIENTIST B, C.F.R.I. SINCE JUNE, 1989.

PRESENT ACTIVITIES : SURVEY OF NATURAL RESOURCES.

LANGUAGES : MALAYALAM, HINDI, ENGLISH, TELUGU.

PROFESSIONAL EXPERIENCE : SURVEY OF NAT RESOURCES - 2 YEARS.

3544

SHRI R M MESHRAM; (B. OCTOBER 12, 1951),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - MARATHWADA '71; A.I.C. - INST OF CHEMISTS, INDIA '82; LL.B. - NAGPUR '91.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1976-1989; SCIENTIST B, C.F.R.I. SINCE JULY 1989.

PRESENT ACTIVITIES : ANALYSIS OF COAL & COKE.

3545

SHRI JAGDISH MISHRA; (B. MAY 3, 1940),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '61; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALIZATIONS : COAL CARBONISATION; COAL HYDROGENATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I, 1963-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : HYDROGENATION OF COAL TO LIQUID FUEL.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 15, PILOT PLANT - 12.

3546

SHRI S K MITRA; (B. OCTOBER 09, 1940),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3547

SHRI SWAPAN MITRA; (B. MARCH 3, 1948),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '71; M.SC. PHYSICS - AGRA '76.

SPECIALIZATIONS : X-RAY DIFFRACTION.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1972-85; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PATENTS DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 10.

3548

SHRI H B MOITRA; (B. FEBRUARY 22, 1948),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '68; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '74.

SPECIALIZATIONS : COAL RESOURCE AND QUALITY ASSESSMENT.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I, 1970-84; SCIENTIST B, C.F.R.I. SINCE JULY, 1984.

PRESENT ACTIVITIES : R & D IN QUALITY CONTROL OF COAL, COKE AND LIGNITES.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 3, ANNUAL REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, TESTING - 20, QUALITY CONTROL - 20, MAINTENANCE - 20, SURVEY OF NATURAL RESOURCES - 20.

3549

SHRI ASHIS MUKHERJEE; (B. JANUARY 11, 1966),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - BURDWAN '88; P.G. DIPLOMA, S&T - B.I.T.S. PILANI '90; M.S. MANAGEMENT OF S&T - B.I.T.S., PILANI '91.

SPECIALIZATIONS : CHEMICAL ENGINEERING; PROJECT MONITORING; MATHEMATICAL MODELLING; PLANT OPERATION.

EXPERIENCE : GRADUATE ENGINEERING TRAINEE, IFFCO 1988-1989; SCIENTIST B, C.F.R.I C.F.R.I., SINCE JUNE, 1989.

PRESENT ACTIVITIES : PROJECT EVALUATION; MATHEMATICAL MODELLING.

LANGUAGES : BENGALI, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

3550

DR A N MUKHOPADHYAY; (B. OCTOBER 26, 1950),

SCIENTIST B, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BURDWAN '69; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '77; PH.D. ORGANIC CHEMISTRY - RANCHI '84.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE AND MINERALS; SYNTHESIS OF ORGANIC COMPOUNDS.

EXPERIENCE : ASSTT. TEACHER, KALNA M.H. SCHOOL, 1970-74; S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1974-85; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1985.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 16, TEACHING - 4.

3551

SHRI J P NARAIN; (B. DECEMBER 10, 1952),

SCIENTIST B, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BIHAR '71; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '80.

SPECIALIZATIONS : ANALYSIS OF COAL, MINERALS, ORES AND SILICATES.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1974-86; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COAL.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 16.

3552

SHRI M K NATH; (B. DECEMBER 27, 1935),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRIC - DACCA '50.

EXPERIENCE : L.A., SHIFT OPERATOR, SHIFT FOREMAN, SHIFT FOREMAN (SG), FOREMAN B AND TECHNICAL OFFICER (A), C.F.R.I., 1952-87; TECHNICAL OFFICER (B), C.F.R.I. SINCE JANUARY,1988.

PRESENT ACTIVITIES : OPERATION AND ROUTINE MAINTENANCE OF PLANT.

3553

SHRI S C PARAMANIK; (B. JUN. 12, 1939),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRICULATION - BIHAR SEC. SCHOOL EXAM. BOARD '57.

EXPERIENCE : APPRENTICESHIP TRAINING, SHIFT OPERATOR, SHIFT FOREMAN, FOREMAN B AND TECHNICAL OFFICER (A), C.F.R.I., 1964-89; TECHNICAL OFFICER (B), C.F.R.I., SINCE MAY 1989.

PRESENT ACTIVITIES : OPERATION OF COAL TO OIL PLANT.

3554

SHRI S T RAGHAVAN; (B. OCTOBER 20, 1935),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.A. SOCIOLOGY - MYSORE '80.

SPECIALIZATIONS : INFORMATION DISSEMINATION; EDITING.

EXPERIENCE : SHIFT FOREMAN, A.T.O., S.T.A. AND SCIENTIST A, C.F.R.I., 1957-85; SCIENTIST B, C.F.R.I. SINCE MAY, 1985.

PRESENT ACTIVITIES : PUBLICATION, EDITING, INFORMATION DISSEMINATION AND LIAISON; ORGANISING SYMPOSIA AND EXHIBITIONS; PUBLIC RELATIONS.

LANGUAGES : TAMIL, HINDI, BENGALI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 25, PILOT PLANT - 25, OPERATION - 25, TESTING - 25, EDITING - 9, INFORMATION DISSEMINATION - 9.

3555

SHRI RAMESWAR RAM; (B. JANUARY 2, 1949),

ASSISTANT EXECUTIVE ENGINEER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : DIPLOMA MECHNICAL - BOARD OF TECHNICAL EDUCATION BIHAR '69.

SPECIALISATIONS : MECHANICAL ENGINEERING; COMBUSTION; ERECTION; FABRICATION.

EXPERIENCE : ASSISTANT EXECUTIVE ENGINEER (B) AND OPERATIVE (MAINTENANCE), BOKARO STEEL PLANT, BOKARO; 1972-87; ASSISTANT EXECUTIVE ENGINEER (B), C.F.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : WORKSHOP SUPERVISION.

LANGUAGES : HINDI, ENGLISH.

3556

SHRI S R K RAO; (B. AUGUST 30, 1956),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : M.SC. CHEMISTRY - SAMBALPUR '79; DIPLOMA IN CHEMICAL PROCESS INSTRUMENTATION AND CONTROL - ANNAMALAI '92.

EXPERIENCE : SCIENTIST B, C.F.R.I. SINCE NOVEMBER, 1982.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT

3557

SHRI APURBA KUMAR ROY; (B. AUGUST 8, 1956),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) PHYSICS - CALCUTTA '75; M.SC. PHYSICS - NORTH BENGAL '78; INTENSIVE COURSE ON PROGRAMMING AND APPLICATION OF ELECTRONIC COMPUTER - INDIAN STATISTICAL INSTITUTE, CALCUTTA '80; HIGHER LEVEL DIPLOMA IN S & T - B.I.T.S., PILANI '90.

SPECIALISATIONS : ELECTRONICS AND RADIO PHYSICS; MATHEMATICAL MODELLING; COMPUTER PROGRAMMING AND PROGRAMMING METHODOLOGY; NUMERICAL ANALYSIS.

EXPERIENCE : S.T.A. AND PROGRAMMER, NORTH BENGAL UNIVERSITY SILIGURI 1984-89; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COMPUTER SYSTEM MAINTENANCE & MATHEMATICAL MODELLING.

LANGUAGES : BENGALI, ENGLISH, HINDI.

PUBLICATIONS & PATENTS : RES.PAPERS - 2

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 4, TEACHING - 2, COMPUTER PROCESSING - 4;

3558

SHRI N N ROY; (B. APR. 2, 1938),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3559

SHRI S R RUDRA; (B. DECEMBER 8, 1938),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : I.SC. - CALCUTTA '56.

SPECIALISATIONS : OPERATION OF HIGH PRESSURE AUTOCLAVE & HIGH VOLUME AIR SAMPLER PLANTS.

EXPERIENCE : SHIFT OPERATOR, SHIFT FOREMAN, FOREMAN B AND TECHNICAL OFFICER (B), C.F.R.I., 1959-88; TECHNICAL OFFICER (B), C.F.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : OPERATION OF HIGH VOLUME AIR SAMPLER; ANALYTICAL WORK.

LANGUAGES : BENGALI, HINDI, ENGLISH .

3560

SHRI T K SADHUKHAN; (B. FEBRUARY 1, 1947),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC.(HONS) CHEMISTRY - BURDWAN '70.

SPECIALIZATIONS : ANALYSIS AND TESTING OF COAL & COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND SCIENTIST A, S.S.A., C.F.R.I., DHANBAD, 1971-89; SCIENTIST B, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : ANALYSIS AND TESTING OF COAL AND COKE.

LANGUAGES : BENGALI, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 20, TESTING - 20, QUALITY CONTROL -20, SURVEY OF NAT. RESOURCES - 20.

3561

SHRI D K SAMANTA; (B. JULY 26, 1949),

SCIENTIST B, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '70; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '79.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE, ORES, MINERALS AND SILICATES.

EXPERIENCE : ASSTT. TEACHER, DONACHAK D.B.M. HIGH SCHOOL, W. BENGAL, 1970-74; S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1974-86; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COAL.

LANGUAGES : BENGALI, HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TESTING - 16, TEACHING - 4.

3562

SHRI P K SANYAL; (B. OCTOBER 27, 1938),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '60.

SPECIALIZATIONS : COAL SCIENCE AND TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1960-81; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : R&D IN COAL SCIENCE AND TECHNOLOGY.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, TECH. REPORTS - 3, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.- 30, APP. RES.- 24, CONSULTANCY-1

3563

DR ABHIJIT SARKAR; (B. APRIL 8, 1952),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - CALCUTTA '70; M.SC. CHEMISTRY - CALCUTTA '72; PH.D. CHEMISTRY - CALCUTTA '78.

SPECIALIZATIONS : ORGANIC CHEMISTRY; COAL CHEMISTRY.

EXPERIENCE : SCIENTIST B, C.F.R.I. SINCE APRIL, 1979.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12.

3564

SHRI P C SARKAR; (B. JUNE 22, 1946),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '67.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1970-89; SCIENTIST B, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE; COAL RESOURCE QUALITY ASSESSMENT.

3565

SHRI A K SETH; (B. MAY 13, 1946),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '69; A.M.I.E. CHEMICAL ENGINEERING - THE INSTITUTION OF ENGINEERS, INDIA '81.

SPECIALIZATIONS : APPLIED CHEMISTRY; UTILIZATION OF COAL CARBONISATION BYPRODUCTS; TAR PROCESSING; DESIGN AND OPERATION OF FLUID BED COMBUSTOR.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST (A), C.F.R.I., DHANBAD, 1971-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : DESIGN; COMBUSTION ENGINEERING.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPER - 3, TECH.REPORTS - 3, PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 16, APPLIED RESEARCH - 4, DESIGN - 1, PILOT PLANT - 3, COMPUTER PROCESSING - 1.

3566

SHRI SHAILABH; (B. OCTOBER 31, 1945),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.A. - BIHAR '69; B.SC.(HONS.) CHEMISTRY - BIHAR 71; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALIZATIONS : EDITING, PUBLICATION, PUBLIC RELATIONS AND JOURNALISM.

EXPERIENCE : CHEMICAL OPERATON, URANIUM CORPN. OF INDIA(LTD.), 1967-73; J.T.A. AND S.T.A., C.F.R.I., 1973-82; SCIENTIST A-CUM-RAJBHASHA ADHIKARI, C.F.R.I. 1982-87; (PREPARATION OF C.F.R.I. SAMOAL (HINDI) ANNUAL REPORTS (HINDI) AND SCIENTIFIC AND TECHNICAL WRITING IN HINDI); SCIENTIST B, C.F.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : PUBLICATION AND PUBLIC RELATIONS.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9, TECH. REPORTS - 4, ARTICLES - 100.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 1, PILOT PLANT - 1, OPERATION - 5, PRODUCTION - 6, TEACHING - 5, TECHNOLOGY TRANSFER - 10, EDITING - 15.

3567

DR A K SHARMA; (B. AUGUST 1, 1956),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - B.H.U. '74; M.SC. GEOLOGY - B.H.U. '77; PH.D. GEOLOGY - B.H.U. '81.

SPECIALISATIONS : SEDIMENTARY, GEOCHEMISTRY AND ECONOMIC GEOLOGY; PHYSICAL AND CHEMICAL INVESTIGATIONS OF COALS.

EXPERIENCE : LECTURER, M.P. GOVT. ENGINEERING COLLEGE, BILASPUR C.F.R.I., 1984-85; SCIENTIST B, C.F.R.I. SINCE SEPTEMBER, 1987.

PRESENT ACTIVITIES : GEOLOGY AND ECONOMICS OF COAL; PHYSICAL AND CHEMICAL INVESTIGATIONS OF COAL; QUALITY ASSESSMENT OF COAL.

LANGUAGES : HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 25, SCIENITIFIC BOOKS - 1, ARTICLES - 50.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 4, TESTING - 1, QUALITY CONTROL - 1, TEACHING - 1, SURVEY OF NAT. RESOURCES - 10, TECHNO- ECONOMIC SURVEYS - 4.

3568

SHRI A K SHARMA; (B. JANUARY 1, 1948),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '69; A.I.C., - INSTITUTION OF CHEMISTS, INDIA '83.

SPECIALIZATIONS : BRIQUETTING; AND FORMED COKE TECHNOLOGY.

EXPERIENCE : S.L.A, J.S.A, S.S.A. AND SCIENTIST A, C.F.R.I., DHANBAD 1971-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN FORMED COKE TECHNOLOGY AND BRIQUETTING.

LANGUAGES : PUNJABI, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 2, TECH. REPORTS - 5, ARTICLES - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 20, PILOT PLANT - 1.

3569

SHRI U N SHARMA; (B. SEPTEMBER 5, 1940),

TECHNICAL OFFICER (B), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : I.SC. - BIHAR '60.

SPECIALISATIONS : OPERATION AND MAINTENANCE OF CARBONISATION PLANTS; OPERATION OF HIGH PRESSURE COAL LIQUEFACTION PLANT; OPERATION AND MAINTENANCE OF HIGH PRESSURE REACTORS.

EXPERIENCE : SHIFT OPERATOR, SHIFT FOREMAN, FOREMAN B AND TECHNICAL OFFICER (A), C.F.R.I., 1961-88; TECHNICAL OFFICER (B), C.F.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : PLANT OPERATION AND MAINTENANCE OF HIGH PRESSURE EQUIPMENTS.

LANGUAGES : GARHWALI, HINDI, BENGALI, ENGLISH.

3570

SHRI A P SINGH; (B. FEBRUARY 3, 1958),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. AGRICULTURE - GORAKHPUR '79; M.SC. AGRICULTURAL ENONOMICS - GORAKHPUR '81.

SPECIALISATIONS : HORTICULTURE; AGRICULTURAL ECONOMICS.

EXPERIENCE : HORTICULTURE OVERSEER AND SCIENTIST A, C.F.R.I., 1981-86; SCIENTIST B, C.F.R.I. SINCE JULY, 1986.

PRESENT ACTIVITIES : HORTICULTURE.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : MAINTENANCE - 10.

3571

DR BALDEV SINGH; (B. JANUARY 17, 1955),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATION : M.TECH. MINERAL ENGG. - INDIAN SCHOOL OF MINES '88; PH.D. MINERAL ENGG. - INDIAN SCHOOL OF MINES '92.

SPECIALISATIONS : MINERAL ENGINEERING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1974-92; SCIENTIST B, C.F.R.I. SINCE SEPTEMBER, 1992.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI, HINDI, BENGALI, ENGLISH.

PUBLICATION & PATENTS : RES. PAPERS - 11; TECH. REPORTS -1.

AWARDS & DISTINCTIONS : MERIT CERTIFICATE FOR PRESENTATION OF A PAPER, CATALYST SOCIETY OF INDIA, 1991.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP. RES. - 19.

3572

SHRI SHRIRAM SINGH; (B. JANUARY 15, 1945),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '67; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '76.

SPECIALIZATIONS : ANALYSIS OF COAL, COKE, OIL AND GAS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1971-83; SCIENTIST B, C.F.R.I. SINCE APRIL, 1983.

PRESENT ACTIVITIES : ANALYSIS OF COAL, COKE AND OIL.

LANGUAGES : HINDI, SANSKRIT. ENGLISH.

PUBLICATION & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT., TESTING, QUALITY CONTROL TOTAL:20 YEARS.

3573

SHRI BALRAM SINHA; (B. JANUARY 1, 1944),

SCIENTIST B, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - SAUGAR '63.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1963-85; SCIENTIST B, C.F.R.I. SINCE NOVEMBER, 1985.

PRESENT ACTIVITIES : COAL ASSESSMENT AND DATA COMPILATION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, TESTING - 27, QUALITY CONTROL - 27. SURVEY OF NATURAL RESOURCES - 27.

3574

SHRI JAGADISH SINHA; (B. APRIL 6, 1939),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '61; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '82.

SPECIALISATIONS : COAL AND COKE ANALYSIS; FUEL GAS ANALYSIS; COAL CHEMISTRY.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1963-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : COAL DESULPHURIZATION.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE : APP. RES - 4, TESTING - 23.

3575

SHRI P N SINHA; (B. NOVEMBER 3, 1943),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - MAGADH '64.

SPECIALIZATIONS : FORMED COKE TECHNOLOGY.

EXPERIENCE : GRADUATE APPRENTICE, CFRI, 1966-68; S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1968-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D; PILOT PLANT STUDIES.

LANGUAGES : HINDI, BENGALI. SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, PILOT PLANT - 22, OPERATION - 22, TESTING - 22.

3576

SHRI R N P SINHA; (B. JUNE 21, 1950),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BHAGALPUR '69; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '84.

SPECIALIZATIONS : COAL CARBONISATION.

EXPERIENCE : TRAINEE. COKE OVEN PLANT. DHANBAD, 1969-70; GRADUATE APPRENTICE. C.F.R.I., 1970-72; J.T.A., S.T.A. AND SCIENTIST A, C.F.R.I., 1973-88; SCIENTIST B, C.F.R.I. SINCE JANUARY, 1988.

PRESENT ACTIVITIES : RESEARCH; PILOT PLANT STUDIES AND PRODUCTION.

LANGUAGES : HINDI. ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 26.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PILOT PLANT CONSTRUCTION, OPERATION, TESTING, QUALITY CONTROL. MAINTENANCE, PRODUCTION (TOTAL: 18 YEARS).

3577

SHRI Y P TALWAR; (B. NOVEMBER 30, 1937),

SCIENTIST B, COAL SURVEY LABORATORY, JAMMU (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - J & K '57; A.I.C. - INSTITUTION OF CHEMISTS. INDIA '78; DIPLOMA IN BUSINESS ADMINISTRATION - JAMMU '74.

SPECIALIZATIONS : COAL SURVEY AND ANALYSIS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A. C.F.R.I., 1962-81; SCIENTIST B, C.F.R.I. SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : ANALYSIS OF COAL.

LANGUAGES : HINDI, URDU, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 10

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 3, SURVEY OF NATURAL RESOURCES - 28

3578

SHRI S T TATWADI; (B. FEBRUARY 4, 1936),

SCIENTIST B, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - NAGPUR '60.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A. S.S.A., AND SCIENTIST A C.F.R.I., 1961-87; SCIENTIST B, C.F.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : MARATHI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 13.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TESTING - 29, QUALITY CONTROL - 29, SURVEY OF NATURAL RESOURCES - 29.

3579

SHRI B P TIWARI; (B. MAY 7, 1944),

SCIENTIST B, COAL SURVEY LABORATORY, BILASPUR (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - SAUGAR '64.

SPECIALIZATIONS : COAL RESOURCE ASSESSMENT; COAL BENEFICIATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1964-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, TESTING - 26, QUALITY CONTROL - 23, SURVEY OF NATURAL RESOURCES - 23.

3580

SHRI R C TRIPATHI; (B. JANUARY 15, 1962),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BUNDELKHAND '81; M.SC. MATHEMATICS - BUNDELKHAND '83; B.TECH. BIOCHEMICAL ENGINEERING - KANPUR '86; M.TECH. BIOTECHNOLOGY - JADAVPUR '88.

SPECIALIZATIONS : ENVIRONMENTAL POLLUTION CONTROL; FERMENTATION TECHNOLOGY; BIOCHEMICAL ENGINEERING AND BIOCHEMISTRY; INDUSTRIAL MICROBIOLOGY AND IMMUNOLOGY.

EXPERIENCE : RESEARCH ASSOCIATE.DEPT OF FOOD TECH & BIOCHEM ENGG,JADAVPUR UNIVERSITY, 1988-89; SCIENTIST B, C.F.R.I. DHANBAD, SINCE MAY, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : TECH REPORTS - 2.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 1.

3581

SHRI D K TRIVEDI; (B. JANUARY 2, 1948),

SCIENTIST B, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '66; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '83; CERTIFICATE IN ADVANCED SOLID AND GASEOUS FUELS, C.F.R.I., 1969.

SPECIALIZATIONS : COAL RESOURCE QUALITY ASSESSMENT; DOCUMENTATION; ANALYSIS OF COAL AND COKE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1968-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH; ANALYSIS OF COAL AND COKE.

LANGUAGES : GUJARATI, HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 4, SCIENTIFIC BOOKS - 1, ANNUAL REPORTS - 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 22. SURVEY OF NATURAL RESOURCES - 22, DOCUMENTATION - 3.

3582

SHRI R A P YADAV; (B. JANUARY 9, 1944),

SCIENTIST B, COAL SURVEY LABORATORY, RANCHI (CFRI, DHANBAD).

QUALIFICATIONS : B.SC. - MAGADH '65.

SPECIALIZATIONS : ANALYSIS AND GRADING OF COAL; PILOT PLANT MAINTENANCE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.F.R.I., 1966-88; SCIENTIST B, C.F.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH; ANALYSIS OF COAL.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, PILOT PLANT - 22.

3583

SHRI NOOR ALAM; (B. MAY 20, 1948),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC (HONS) CHEMISTRY - BURDWAN ' 65.

SPCIALIZATIONSS : TESTING AND ANALYSIS OF COAL; COAL SCIENCE.

EXPERIENCE : ASST. TEACHER, DEBPAR H S SCHOOL KANPUR 1973-1974; S.L.A., J.S.A., AND S.S.A., C.F.R.I., 1974-89; SCIENTIST A, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : R & D OF COAL QUALITY & PROPERTY INVESTIGATION.

LANGUAGES : BENGALI, ENGLISH, HINDI, URDU.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, ARTICLES - 1, PROCESSES DEV. - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 5, TECH. DEV. - 5, TESTING -20, QUALITY CONTROL - 5, TEACHING - 1, SURVEY OF NAT. RES - 20, DOC. - 10.

3584

SHRI R N ANSARI; (B. SEPTEMBER 16, 1936),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : ELECTRICAL WIREMAN PERMIT - PATNA LICENCING BOARD (BIHAR) '58; NATIONAL SUPERVISOR CERTIFICATE OF COMPETENCY - PATNA LICENCING BOARD (BIHAR) '65.

SPECIALISATIONS : MAINTENANCE OF ELECTRICAL EQUIPMENTS .

EXPERIENCE : ELECTRIC APPRENTICE, SITALPUR COAL CO.(P) LTD, BUNDWAN, 1954 AND HIND SHIPERS LTD., DHANBAD, 1935; ELECTRIC HELPER CUM ELECTRICIAN, HIND STRIP MINING CORPN. LTD., BURMO 1956-59; ELECTRICIAN, D.V.C., HAZARIBAGH, 1959; JR. ELECTRICIAN, F/MECHANIC, SR. ELECTRICIAN, S/FOREMAN AND FOREMAN B, C.F.R.I., 1960-88; TECHNICAL OFFICER (A), C.F.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : ELECTRICAL INSTALLATION AND MAINTENANCE.

LANGUAGES : URDU, HINDI, ENGLISH.

3585

SHRI S H ANSARI; (B. SEPTEMBER 14, 1949),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QALIFICATIONS : B.SC. - RANCHI '72; A.I.C. INSTITUTION OF CHEMISTS, INDIA '83.

SPECIALISATIONS : COAL CHEMISTRY.

EXPERIENCE : SCIENTIST A, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : INVESTIGATION AND CHARACTERISATION OF COAL AND COKE.

LANGUAGES : URDU, HINDI, PERSIAN, ENGLISH.

3586

SHRI S V BAGUL; (B. FEBRUARY 15, 1952),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - POONA '74; A.I.C., INSTITUTION OF CHEMISTS, INDIA '82.

SPECIALISATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1977-89; SCIENTIST A, C.F.R.I. SINCE FEBRUARY, 1989.

LANGUAGES : MARATHI, HINDI, ENGLISH.

3587

SHRI S S BANERJEE; (B. JANUARY 12, 1938),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRIC - BIHAR BOARD OF SEC. EXAM. '55.

EXPERIENCE : TRADE APPRENTICESHIP, SHIFT OPERATOR, SHIFT FOREMAN AND FOREMAN B, C.F.R.I., 1959-87; TECHNICAL OFFICER (A), C.F.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : OPERATION & MAINTENANCE OF PILOT PLANTS.

3588

SHRI T K BHATTACHARJEE; (B. FEBRUARY 20, 1954),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3589

SHRI A BHATTACHARJYA; (B. NOVEMBER 12, 1952),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '79; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '84.

SPECIALISATIONS : R & D ON COAL CARBONIZATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1974-89; SCIENTIST A, C.F.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH IN PILOT PLANT SCALE.

LANGUAGES : BENGALI, HINDI, ENGLISH. GERMAN.

3590

SHRI S S BHATTACHARYA; (B. OCTOBER 3, 1941),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '69; A.I.C. - INSTITUTION OF CHEMISTS INDIA '83.

SPECIALISATIONS : APPLIED INORGANIC ANALYSIS.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1974-89; SCIENTIST A, C.F.R.I. SINCE FEBRUARY, 1989.

3591

SHRI S S BHATTACHARYA; (B. OCTOBER 3, 1941),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - DIBRUGARH '69.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1972-88; SCIENTIST A, C.F.R.I. SINCE JUNE, 1988.

3592

SHRI S N BORAH; (B. JANUARY 1, 1948),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - DIBRUGARH '69.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1972-88; SCIENTIST A, C.F.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITES : COAL ANALYSIS.

3593

SHRI A BOSE; (B. JUL. 16, 1935),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRICULATION - BIHAR BOARD OF SECONDARY EXAM. '51.

EXPERIENCE : TRADE APPRENTICESHIP, SHIFT OPERATOR, SHIFT FOREMAN AND FOREMAN B, C.F.R.I., 1960-86; TECHNICAL OFFICER A, C.F.R.I. SINCE MAY, 1986.

PRESENT ACTIVITIES : OPERATION AND MAINTENANCE OF PLANTS.

3594

SHRI T K CHATTERJEE; (B. OCTOBER 10, 1951),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3595

SHRI M C DAS; (B. FEBRUARY 5, 1946),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - CALCUTTA '69; A.I.C.- INSTITUTION OF CHEMISTS, INDIA '83

SPECIALISATIONS : COAL / FUEL ANALYSIS BY CHEMICAL AND SPECTROSCOPIC METHOD.

EXPERIENCE : SCIENTIST A, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : R&D WORK ON FUEL TESTING AND ANALYSIS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

3596

SHRI A C DUTTA; (B. DECEMBER 22, 1936),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '57.

SPECIALIZATIONS : ACTIVE CARBON FROM INDIGENOUS MATERIALS; SOLVENT EXTRACTS AND DELAYED COKES FROM COAL EXTRACTS.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1959-77; SCIENTIST A, C.F.R.I. SINCE MAY, 1977.

PRESENT ACTIVITIES : R&D.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, PATENTS TAKEN - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 31, PILOT PLANT - 10, TESTING - 21.

3597

SHRI M C DUTTA; (B. SEPTEMBER 3, 1940),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3598

SHRI A K GANGOPADHYAY; (B. DECEMBER 13, 1946),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BURDWAN '69; A.I.C., INSTITUTE OF CHEMISTS INDIA '82.

SPECIALISATIONS : COAL SCIENCE.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1974-89; SCIENTIST A, C.F.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : ANALYSIS AND TESTING OF COAL, COKE AND LIGNITES.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

3599

SHRI SWAPAN KUMAR GHOSH; (B. OCTOBER 5, 1946),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - CALCUTTA '66.

SPECIALIZATIONS : COAL CHEMICALS AND CATALYSIS; HIGH PRESSURE COAL HYDROGENATION; PILOT PLANT OPERATION; WASTE UTILIZATION.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1970-89; SCIENTIST A, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2, PATENT TAKEN - 3, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 10, PILOT PLANT - 6, OPERATION - 2, PRODUCTION - 5.

3600

SHRI S C GOSWAMI; (B. OCTOBER 6, 1939),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : MATRIC - WEST BENGAL SECONDARY BOARD '58.

EXPERIENCE : GASMAN, SHIFTOPERATOR, SHIFT FOREMAN AND FOREMAN B, C.F.R.I., 1959-86; TECHNICAL OFFICER (A), C.F.R.I. SINCE JANUARY, 1987.

3601

SHRI S R HAZARIKA; (B. AUGUST 1, 1943),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC -GAUHATI '64.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : J,L.A., S.L.A., J.S.A., S.S.A., C.F.R.I., 1965-86; SCIENTIST A, C.F.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : ASSESSMENT OF QUALITY OF COAL AND COKE.

LANGUAGES : ASSAMESE, BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 6.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES - 2, TESTING - 25, TEACHING - 3.

3602

SHRI R D JALGAONKAR; (B. OCTOBER 19, 1946),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3603

SHRI S KRISHNAN; (B. OCTOBER 22, 1944),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - MADRAS '70.

SPECIALISATIONS : CRUSHING AND GRINDING OF COAL; ABRASION CHARACTERISTICS OF COAL; STATISTICS AND ENERGY STUDIES; PROJECT PLANNING, EVALUATION AND MONITORING.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1971-89; SCIENTIST A, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : SAMPLING OF COAL AND COKE; ENERGY STUDIES; DETERMINATION OF GRINDABILITY AND ABRASION; PROJECT PLANNING, MONITORING AND EVALUATION.

LANGUAGES : KANNADA, TAMIL, HINDI, BENGALI, ENGLISH.

3604

SHRI SURESH KUMAR; (B. APRIL 5, 1951),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - BIHAR '69; A.I.C. - INSTITUTION OF CHEMIST,INDIA '83.

SPECIALISATIONS : ORGANIC SYNTHESIS AND ANALYSIS.

EXPERIENCE : TRADE APPRENTICE, J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1971-89; SCIENTIST A, C.F.R.I. SINCE FEBRUARY, 1989.

LANGUAGES : HINDI, ENGLISH.

3605

SHRI S C LAL; (B. JUN. 4, 1950),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - CALCUTTA '70; A.I.C. - INSTITUTION OF CHEMISTRY, INDIA '85.

SPECIALIZATIONS : COAL SCIENCE.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1971-89; SCIENTIST A, C.F.R.I., SINCE 1989.

PRESENT ACTIVITIES : ANALYSIS OF COAL, COKE AND ITS BYPRODUCTS.

LANGUAGES : BENGALI, HINDI, ENGLISH.

3606

SHRI ARDHENDU MAZUMDAR; (B. APRIL 5, 1948),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3607

SHRI A N MOULICK; (B. NOVEMBER 24, 1938),

ART OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : DIPLOMA IN COMMERCIAL ARTS - INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP. '57.

EXPERIENCE : TRACER, JR. ARTIST AND SR. ART. ASST., C.F.R.I., 1962-86; ART OFFICER (A), C.F.R.I. SINCE JUNE, 1986.

PRESENT ACTIVITIES : POSTER, FLOWSHEET, LAYOUT, GEOLOGICAL MAPS, CHART, TRANSPARENCY, OIL PAINTINGS AND EXHIBITION WORK.

3608

SHRI B K MUKHERJEE; (B. JULY 3, 1941),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - RANCHI '69.

SPECIALIZATIONS : ANALYSIS OF COAL AND COKE.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A. AND J.S.O., C.F.R.I., 1964-86; SCIENTIST A, C.F.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : ANALYSIS OF COAL AND COKE.

LANGUAGES : HINDI, ENGLISH.

PORESSIONAL EXPERIENCE (IN YEARS) : COMPUTER PROCESSING - 1.

3609

SHRI K V R MURTHY; (B. OCTOBER 10, 1936),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. ZOOLOGY - ANDHRA '59.

SPECIALIZATIONS : COAL CHEMSITRY; MINERAL CHEMISTRY.

EXPERIENCE : LAB.ASST. JEMCO (P) LTD, 1961; J.L.A., S.L.A., J.S.A., S.S.A., C.F.R.I., DHANBAD ' 1963-86; SCIENTIST A, C.F.R.I. SINCE MAY, 1986.

PRESENT ACTIVITIES : RESOURCE QUALITY ASSESSMENT OF COALS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH REPORTS - 1.

PROFESSIONAL EXPERIENC (IN YEARS) : APPLIED RES - 27, TESTING - 30 1/2.

3610

SHRI R R PRASAD; (B. JANUARY 5, 1940),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATION : B.SC. - RANCHI '71.

SPECIALISATIONS : MAINTENANCE OF PILOT PLANT; CARBONISATION; ERECTION AND FABRICATION; COAL SCIENCE.

EXPERIENCE : J.L.A., S.L.A., J.T.A. AND S.T.A., C.F.R.I., 1965-89; SCIENTIST A, C.F.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : SUPERVISON OF PILOT PLANT OPERATION.

LANGUAGES : HINDI, BENGALI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 4 TECH. REPORTS - 3, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 6, APPLIED RES. - 2, DESIGN - 2, TECHNICAL DEV. - 2, PILOT PLANT - 3, CONSTRUCTION -4, OPERATION - 3, TESTING - 3, MAINTENANCE - 2, PRODUCTION - 1.

3611

SHRI S PRASAD; (B. JANUARY 6, 1950),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3612

SHRI S RAM; (B. NOVEMBER 2, 1939),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3613

SHRI AMIYA KUMAR ROY; (B. JANUARY 21, 1940),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3614

SHRI B ROY; (B. FEBRUARY 1, 1937),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3615

SHRI S K ROY; (B. NOVEMBER 8, 1939),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3616

SHRI M C SAIKIA; (B. AUGUST 1, 1944),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC - GUJARAT '65.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.F.R.I., 1963-88; SCIENTIST A, C.F.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : LABORATORY WORK.

3617

SHRI B SANYAL; (B. NOVEMBER 10, 1936),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD

3618

SHRI A K SENGUPTA; (B. SEPTEMBER 24, 1948),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

3619

SHRI P K SENGUPTA; (B. SEPTEMBER 13, 1940),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : B.SC. - CALCUTTA '62.

EXPERIENCE : J.L.A., S.L.A., J.S.A. AND S.S.A., C.R.F.I., 1963-88; SCIENTIST A, C.F.R.I., SINCE APRIL, 1988.

PRESENT ACTIVITIES : WASHABILITY INVESTIGATION ON LEFT COAL.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATION & PATENTS : RES. PAPER - 2, TECH. REPORTS - 40.

PROFESSIONAL EXPERIENCE : BASIC RES. - 5, APPLIED RES. - 5, TECH. DEV. - 5, R & D MANAGEMENT - 5, OPERATION - 2, PRODN - 2, PLANNING - 2.

3620

SHRI S P SINGH; (B. MAY 18, 1949),

SCIENTIST A, CENTRAL FUEL RESEARCH INSTITUTE. DHANBAD.

3621

SHRI D N VERMA; (B. FEBRUARY 2, 1936),

TECHNICAL OFFICER (A), CENTRAL FUEL RESEARCH INSTITUTE, DHANBAD.

QUALIFICATIONS : INTERMEDIATE - U.P.BOARD '56; DRAUGHTSMAN - I.T.I., ALLAHABAD '58.

EXPERIENCE : TRACER, JR.DRAUGHTSMAN, SR. DRAUGHTSMAN, J.T.A. AND S.T.A., C.F.R.I., 1969-87; TECHNICAL OFFICER (A), C.F.R.I. SINCE MARCH, 1987.

CENTRAL LEATHER RESEARCH INSTITUTE

3622

DR K V RAGHAVAN; (B. OCTOBER 1, 1943),

DIRECTOR, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '64; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '75; PH.D MATHEMATICAL MODELLING AND SIMULATION - I.I.T., MADRAS '85; COURSE IN MANAGEMENT OF R & D SYSTEMS, ASCI, HYDERABAD '86.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; CHEMICAL PROCESS DESIGN; SIMULATION AND MODELLING; CHEMICAL HAZARD AND RISK ANALYSIS.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, R.R.L., HYDERABAD, 1964-75; (ALSO ADVANCED RESEARCH ON HETEROGENOUS CATALYSIS, HUNGARY, 1970); SCIENTIST EI AND SCIENTIST F, R.R.L., JORHAT, 1975-86; SCIENTIST G AND SCIENTIST H, C.L.R.I., 1986-94; DIRECTOR C.L.R.I. SINCE FEBRUARY, 1994.

PRESENT ACTIVITIES : RESEARCH, DEVELOPMENT AND DESIGN.

LANGUAGES : TELUGU, HINDI. ENGLISH, GERMAN.

VISITED : HUNGARY, U.S.S.R., MALAYASIA, BANGLADESH, SRI LANKA, AUSTRALIA, SINGAPORE, SWEDEN, FRANCE, ITALY, THE NETHERLANDS, U.S.A., U.K., ZAMBIA, BOTSWANA, BARBADOS.

PUBLICATIONS & PATENTS : RES. PAPERS - 40, TECH. REPORTS - 12, SCIENTIFIC BOOKS - 2, ARTICLES - 5, PROCESSES DEVELOPED - 25, PROCESSES UNDER UTILIZATION - 15.

AWARDS & DISTINCTIONS : FICCI AWARD, 1982; HINDUSTAN LEVER AWARD, 1988; NRDC INVENTIONS PROMOTION AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 25, DESIGN - 20. PILOT PLANT - 22, CONSULTANCY - 10, R & D MGMT. - 12, TEACHING - 5, TECHNOLOGY TRANSFER - 12, ADMN. - 12, EDITING - 30.

3623

SHRI T S KAILASA MAHADEVAN; (B. DECEMBER 18, 1935),

SCIENTIST F, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - KERALA '54; B.SC.(TECH) LEATHER TECHNOLOGY - MADRAS '56; M.TECH. LEATHER TECHNOLOGY - MADRAS '74.; F.I.C. - INSTITUTION OF CHEMISTS (INDIA) 1988.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI AND SCIENTIST EII, C.L.R.I., 1957-89; (ALSO UNIDO EXPERT, CONSULTANT - CHEMICAL ENGINEER, JORDON, 1970. F.A.O. EXPERT IN LEATHER, KENYA, 1972-73 AND F.A.O. EXPERT, SUDAN, 1973-74); SCIENTIST F. C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D; EXTENSION SERVICES; TECHNICAL TRAINING AND CONSULTANCY. LEATHER PROCESSING; PROJECT PLANNING, MONITORING & EVALUATION; TECHNICAL INFORMATION & LIAISION.

LANGUAGES : TAMIL, MALAYALAM. HINDI, ENGLISH.

VISITED : JORDON, KENYA, SUDAN, NEPAL. FRANCE, AUSTRIA, ITALY.

PUBLICATIONS & PATENTS : RES. PAPERS - 81, TECH REPORTS - 6, SCIENTIFIC BOOKS EDITING - 6. PATENTS FILED - 1, PROCESSES DEVELOPED - 12, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, CONSULTANCY - 2. TEACHING - 17, EXTENSION - 10 (TOTAL OVER 33 YEARS).

3624

DR M M MALLIKARJUNAN; (B. MARCH 9, 1940),

SCIENTIST F. CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - OSMANIA '61; M.S. CHEMICAL ENGINEERING - I.I.T., MADRAS '78; PH.D CHEMICAL ENGINEENING -I.I.T., BOMBAY '88.

SPECIALIZATIONS : CHEMICAL REACTION ENGINEERING; MATHEMATICAL MODELLING; SAFETY AND RISK ANALYSIS.

EXPERIENCE : CHEMICAL ENGINEER, SIRPUR PAPER MILLS LTD., SIRPUR, A.P., 1961-64; S.S.A., SCIENTIST A. SCIENTIST B, SCIENTIST C, SCIENTIST EI AND SCIENTIST EII, RRL, HYDERABAD, 1964-86; (ALSO ADVANCED RESEARCH IN CATALYTIC REACTION ENGINEERING. CZECHOSLOVAKIA,1972-73); SCIENTIST EII, C.L.R.I., 1986-89; SCIENTIST F, C.L.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R&D AND COMPUTER PROCESSING.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH, GERMAN.

VISITED : CZECHOSLOVAKIA, U.S.A., W. GERMANY, THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES. PAPERS - 52, TECH. REPORTS - 10. PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, PILOT PLANT - 20, OPERATION - 3, MAINTENANCE - 20, PRODUCTION - 3, COMPUTER PROCESSING - 15.

3625

DR T RAMASAMI; (B. APRIL 15, 1948),

SCIENTIST F, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '69; M.TECH. LEATHER TECHNOLOGY - MADRAS '72; PH.D. INORGANIC CHEMISTRY - UNIVERSITY OF LEEDS, U.K.'76.

SPECIALIZATIONS : COORDINATION CHEMISTRY; LEATHER SCIENCE AND CHEMICAL TECHNOLOGY; REACTION MECHANISM AND PHYSICAL CHEMISTRY.

EXPERIENCE : SCIENTIST B. C.L.R.I., 1976-78; POST DOCTORAL FELLOW. AMES ENERGY LAB.. IOWA, USA, 1978-79; RESEARCH ASSOCIATE. C.L.R.I., 1980-81; RESEARCH SCIENTIST. WAYNE STATE UNIVERSITY, DETRIOT. USA, 1981-83; VISITING FACULTY, NEWCASTLE UPON TYNE UNIVERSITY, UK. 1983-84; SCIENTIST EII, C.L.R.I., 1984-88; SCIENTIST F. C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.K., U.S.A., CANADA, GERMANY, THE NETHERLANDS, CHINA, ITALY, FRANCE, AUSTRALIA, SWITZERLAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 82, TECH. REPORTS - 9, ARTICLES - 7, EDITED - 1,PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : FELLOW, INDIAN ACADEMY OF SCIENCES, 1990.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP.RES. - 19, TECH.DEV. - 6, PILOT PLANT - 2,CONSULTANCY - 5, R & D MGMT. - 6, IND.MGMT. - 1, TEACHING - 10, PLANNING - 5, TECHNOLOGY TRANSFER - 5, ADMN.- 5, EDITING - 3, COMPUTER PROCESSING - 2.

3626

DR(MRS) GOWRI CHANDRAKASAN; (B. MARCH 1, 1942),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '61; M.SC. BIOCHEMISTRY - MADRAS '66; PH.D. BIOCHEMISTRY - MADRAS '71.

SPECIALIZATIONS : BIOCHEMISTRY; PROTEIN CHEMISTRY; CONNECTIVE TISSUE BIOCHEMISRY; BIOMEDICAL SCIENCE; CELL CULTURE; BIOTECHNOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I, 1966-90; (ALSO POST-DOCTORAL FELLOW, NIH, USA,1972-75, SENIOR FULBRIGHT SCHOLAR, UNIVERSITY OF CONNECTICUT HEALTH CENTRE, U.S.A., 1983-84 AND VISITING ASSOCIATE PROFESSOR AND FULBRIGHT SCHOLAR, UNIVERSITY OF CALIFORNIA, U.S.A., 1984-86); SCIENTIST EII, C.L.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : RESEARCH AND TEACHING.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH.

VISITED : U.S.A., JAPAN, SINGAPORE, GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 60, ARTICLES - 5, ABSTRACTS - 37.

AWARDS & DISTINCTIONS : FELLOW, INDIAN ASSOCIATION OF BIOMEDICAL SCIENCES, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 24, TEACHING - 15.

3627

DR N CHANDRAKUMAR; (B. NOVEMBER 25, 1951),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '70; M.SC. CHEMISTRY - IIT, MADRAS '72; PH.D. CHEMISTRY - IIT, KANPUR '79.

SPECIALIZATIONS : MAGNETIC RESONANCE IMAGING AND SPECTROSCOPY (NMR, EPR, NQR); QUANTUM PHYSICS; INSTRUMENTATION; CHEMICAL PHYSICS; GENERAL SPECTROSCOPY AND COMPUTATION.

EXPERIENCE : SCIENTIST C, C.L.R.I., 1982-87; SCIENTIST EII, C.L.R.I. SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : BASIC RESEARCH, MAINTENANCE, DESIGN & FABRICATION, ANALYTICAL SERVICE.

LANGUAGES : TAMIL, ENGLISH, GERMAN, FRENCH, RUSSIAN.

VISITED : JAPAN, U.S.A., GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 45, TECH. REPORTS - 3, ARTICLES - 20, SCIENTIFIC BOOKS - 1, PATENTS TAKEN - 1, OTHERS - SCIENCE BROADCASTS.

AWARDS & DISTINCTIONS : CSIR YOUNG SCIENTIST AWARD, 1987.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 20, APP. RES. -10, DESIGN - 15, CONSTRUCTION - 15, OPERATION -20, TESTING - 19, MAINTENANCE - 15, TEACHING - 15, TECHNICAL DEV. - 12, HONORARY CONSULTANCY - 10, R & D MANAGEMENT - 4, QUALITY CONTROL - 10, PLANNING - 11, ADMINISTRATION - 10, EDITING - 12 DOCUMENTATION - 7, COMPUTER PROCESSING - 11.

3628

SHRI V HARIDOSS; (B. SEPTEMBER 10, 1936),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3629

DR D H KAMAT; (B. AUGUST 27, 1935),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC - KARNATAK '57; B.SC. (TECH.) LEATHER TECHNOLOGY - MADRAS '59; M.SC. (TECH.) LEATHER TECHNOLOGY - MADRAS '64; PH.D LEATHER TECHNOLOGY - MADRAS '72.

SPECIALIZATIONS : HIDES AND SKINS; LEATHER TECHNOLOGY; LEATHER PROCESSING.

EXPERIENCE : J.R.F., J.S.A., S.S.A. SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1959-88; (ALSO STUDY OF ADVANCED TECHNIQUES FOR THE MANUFACTURE OF UPPER GARMENTS AND FUR LEATHERS, POLAND, 1976-77); SCIENTIST EII, C.L.R.I. SINCE MAY, 1988.

PRESENT ACTIVITIES : R & D; TEACHING; TRAINING AND CONSULTANCY.

LANGUAGES : HINDI, KANNADA, ENGLISH.

VISITED : FRANCE, U.K., BELGIUM, DENMARK, SWEDEN, FINLAND, POLAND, AUSTRIA.

PUBLICATIONS : RES. PAPERS - 60, TECH. REPORTS - 3, ARTICLES - 9.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD ON TUFTAN, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, APP. RES. - 23, CONSULTANCY - 13, TEACHING - 18, TECHNO-ECONOMIC SURVEYS - 2, EDITING - 5.

3630

SHRI SITTHU KRISHNAMOORTHY; (B. MAY 13, 1938),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. ELECTRICAL - MADRAS '62; DIPLOMA IN REFRIGERATION AND AIR CONDITIONING - MADRAS '67.

SPECIALIZATIONS : ELECTRIC POWER GENERATION AND DISTRIBUTION; MAINTENANCE OF ELECTRICAL, REFRIGERATION AND AIR CONDITIONING INSTALLATIONS.

EXPERIENCE : APPRENTICE, N.L.C. LTD., NEYVELI, 1962; SECTION OFFICER, THERMAL POWER HOUSE, NEYVELI, 1962-63; JUNIOR ENGINEER, TAMIL NADU ELECTRICITY BOARD, MADRAS, 1963-65; ELECTRICAL CUM MECHANICAL ENGINEER, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1965-90; SCIENTIST EII, C.L.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : DESIGN, ERECTION AND MAINTENANCE OF ELECTRICAL AND AIR CONDITIONING INSTALLATIONS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : E. GERMANY. PUBLICATIONS & PATENTS: PROCESSES DEVELOPED - 3, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNICAL DEV. - 24, CONSULTANCY - 17, MAINTENANCE - 25.

3631

DR M MARIAPPAN; (B. DECEMBER 11, 1939),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. CIVIL - MADRAS '63; M.TECH. ENVIRONMENTAL & SANITARY ENGINEERING - I.I.T., KANPUR '69; PH.D. ENVIRONMENTAL AND SANITARY ENGINEERING - UNIVERSITY OF MISSOURI, ROLLA, U.S.A. '76.

SPECIALIZATIONS : ENVIRONMENTAL ENGINEERING; SANITARY ENGINEERING; WATER AND AIR POLLUTION CONTROL; ENVIRONMENTAL IMPACT ASSESSMENT AND STATEMENT; INDUSTRIAL WASTE TREATMENT.

EXPERIENCE : JUNIOR ENGINEER, P.W.D., TAMILNADU, 1963-64; ASSOCIATE LECTURER, A.C.COLLEGE OF ENGG. & TECH., KARAIKUDI, 1964-69; LECTURER. COLLEGE OF ENGG., GUINDY, MADRAS, 1969-77; SCIENTIST C AND SCIENTIST EI, N.E.E.R.I, NAGPUR, 1978-86; SCIENTIST EI. C.L.R.I., 1986-87; (ALSO MEMBER SECRETARY, ON DEPUTATION, TO TAMILNADU POLLUTION CONTROL BOARD SINCE JANUARY 1987); SCIENTIST EII, C.L.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : RESEARCH; ENVIRONMENTAL POLLUTION CONTROL; TECHNOLOGY TRANSFER.

LANGUAGES : TAMIL, HINDI, MALAYALAM, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 135, SCIENTIFIC BOOKS - ONE CHAPTER.

AWARDS & DISTINCTIONS : OUTSTANDING ENVIRONMENTAL ENGINEER AWARD, TOXICOLOGICAL SOCIETY OF INDIA, 1984.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, DESIGN - 25, TECH. DEV. - 25, PILOT PLANT - 12, CONSULTANCY - 12, R & D MGMT. - 25, CONSTRUCTION - 3, OPERATION - 3, TESTING - 25, TEACHING - 23, SURVEY OF NATURAL RESOURCES - 12, PLANNING - 12, ADMN. - 15, EDITING - 12, DOCUMENTATION - 12, COMPUTER PROCESSING - 10. EXTENSION - 12.

3632

DR M S OLIVANNAN; (B. SEPTEMBER 16, 1937),

SCIENTIST EII. CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : B.SC. (TECH.) LEATHER TECHNOLOGY - MADRAS '61; M.TECH. LEATHER TECHNOLOGY - MADRAS '65; PH.D LEATHER TECHNOLOGY - MADRAS '72.

SPECIALIZATIONS : LEATHER TECHNOLOGY; COMMERCIAL PRODUCTION OF LEATHERS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I. 1965-89; SCIENTIST EII, C.L.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : R & D IN LEATHER SCIENCE AND TECHNOLOGY; TEACHING AND TRAINING OF PERSONNEL FOR LEATHER INDUSTRY; COMMERCIAL PRODUCTION OF LEATHERS; CONSULTANCY.

LANGUAGES : TAMIL. ENGLISH.

VISITED : HUNGARY, W. GERMANY, SWITZERLAND, BANGLADESH, HONG KONG, SINGAPORE.

PUBLICATIONS & PATENTS : RES. PAPERS -100, TECH. REPORTS - 2, SCIENTIFIC BOOKS - 2, PROCESSES DEVELOPED - 25.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1972.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 25, TECH. DEV. - 10, CONSULTANCY - 15, R & D MGMT. - 10. TESTING - 12, QUALITY CONTROL - 14, TEACHING - 25, TECHNO-ECONOMIC SURVEYS - 2, TECHNOLOGY TRANSFER - 10. ADMN. - 10.

3633

DR(MRS) GANGA RADHAKRISHNAN; (B. JUNE 1, 1946),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '66; M.SC. CHEMISTRY - MADRAS '68; PH.D POLYMER CHEMISTRY - MADRAS '73.

SPECIALIZATIONS : SYNTHESIS AND CHARACTERIZATION OF POLYMERS; ACRYLIC FIBRES; LEATHER PROCESSING POLYMERS; SYNTHETIC SOLES; POLYMER COMPOSITES.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1976-90; (ALSO U.N. FELLOW, W.GERMANY, 1980; ALEXANDERVON SENIOR FELLOW, W GERMANY 1986-87); SCIENTIST EII. C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D AND TEACHING.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

VISITED : W. GERMANY, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 75, PAPERS PRESENTED - 16. PROCESSES DEVELOPED - 1, PATENTS FILED -1, PATENTS UNDER PREPARATION - 4, BOOKS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22. APP. RES. - 16. TEACHING - 14. CONSULTANCY - 3.

3634

DR S RAJAMANI; (B. JUNE 17, 1946),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. CIVIL AND PUBLIC HEALTH - MADRAS '72; M.E. PUBLIC HEALTH - MADRAS '76; PH.D ENVIRONMENTAL ENGINEERING - MADRAS '88.

SPECIALIZATIONS : WATER AND WASTE WATER TREATMENT; INDUSTRIAL WASTE TREATMENT; ENVIRONMENTAL POLLUTION CONTROL; CLEAN TECHNOLOGY; RESOURCE RECOVERY; CHROME RECOVERY AND REUSE; TECHNICAL EDUCATION.

EXPERIENCE : ASST ENGINEER AND ASST EXECUTIVE ENGINEER, TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD, MADRAS, 1972-80; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1980-90; SCIENTIST EII, C.L.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : ENVIRONMENTAL IMPACT ASSESSMENT STUDIES; INDUSTRIAL WASTE TREATABILITY STUDIES; MODERN BIOLOGICAL TREATMENT SYSTEMS DEVELOPMENT; EFFLUENT TREATMENT SYSTEM DESIGN; CONSULTANCY IN INDUSTRIAL POLLUTION CONTROL; RESOURCE RECOVERY; CHROME RECOVERY AND REUSE; EDUCATION AND TRAINING IN ENVIRONMENTAL TECHNOLOGY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, TECH. REPORTS - 40, ARTICLES - 10, PROCESSES UNDER UTILISATION - 25.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 16, DESIGN - 18, TECHNICAL DEV. - 10, CONSULTANCY - 10, PLANNING - 8, ADMN. - 3, TEACHING - 10.

3635

DR K PANDURANGA RAO; (B. NOVEMBER 12, 1940),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - ANDHRA '59; M.SC. PHYSICAL CHEMISTRY - VIKRAM '62; PH.D POLYMER CHEMISTRY - MADRAS '72.

SPECIALIZATIONS : POLYMER CHEMISTRY; BIOMEDICAL POLYMERS; CONTROLLED RELEASE TECHNOLOGY; COLLAGEN CHEMISTRY.

EXPERIENCE : DEMONSTRATOR AND LECTURER, A.C. COLLEGE, GUNTUR, 1959-63; J.S.A., CECRI, KARAIKUDI, 1963-65; J.S.A., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1965-88; (ALSO POST-DOCTORAL FELLOW FOR ADVANCED RESEARCH AND TRAINING IN POLYMERS, U.K., 1975-77 AND POST DOCTORAL RESEARCH ASSOCIATE IN BIOMEDICAL POLYMERS, U.K., 1981-84); SCIENTIST EII, C.L.R.I. SINCE APRIL, 1988; (ALSO VISITING PROFESSOR, UNIV. OF SOUTHERN CALIFORNIA, USA, 1988; CSIR-DAAD VISITING SCIENTIST, WEST GERMANY, 1989).

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

VISITED : U.K., U.S.A., W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 70, TECH. REPORTS - 4, SCIENTIFIC BOOKS - 2,PATENTS TAKEN - 3, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25, APP. RES. - 25, PILOT PLANT - 10, CONSULTANCY - 20, R & D MGMT. - 15, TEACHING - 20, PLANNING - 15, TECHNOLOGY TRANSFER - 15, ADMN. - 15, EDITING - 15, IND. MGMT. - 15.

3636

DR N MURALIDHARA RAO; (B. JULY 1, 1937),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. ANDHRA '58, B.V.SC. - SRI VENKATESWARA '62; M.V.SC. VETERINARY MICROBIOLOGY - A.P. AGRICULTURAL UNIVERSITY '70; PH.D. MICROBIOLOGY - MADRAS '78.

SPECIALIZATIONS : VETERINARY MICROBIOLOGY; CURING AND PRESERVATION OF RAW HIDES AND SKINS; UTILIZATION OF ANIMAL WASTE IN LIVESTOCK FEEDS AND OTHER INDUSTRIES.

EXPERIENCE : VETERINARY SURGEON, ANIMAL HUSBANDRY DEPARTMENT, GOVT. OF A.P., HYDERABAD, 1962-73; SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1973-89; SCIENTIST EII, C.L.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : UTILIZATION OF SLAUGHTER HOUSE BYPRODUCTS AND MEAT PROCESSING; BYPRODUCTS; MICROBIOLOGY OF MEAT; PROCESSING OF ANIMAL BYPRODUCTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A., CANADA.

PUBLICATIONS & PATENTS : RES. PAPERS - 45, TECH. REPORTS - 4, SCIENTIFIC BOOKS - 2.

AWARDS & DISTINCTIONS : COMMENDATION CERTIFICATE FOR BETTER UTILIZATION OF SLAUGHTER HOUSE BYPRODUCTS, U S DEPT OF AGRICULTURE, 1976.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 13, OTHERS - 12.

3637

SHRI P G RAO; (B. DECEMBER 31, 1950),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3638

DR V S SUNDARA RAO; (B. AUGUST 9, 1941),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC.(TECH.) LEATHER TECHNOLOGY - MADRAS '62; M.TECH. LEATHER TECHNOLOGY - MADRAS '66; PH.D. LEATHER TECHNOLOGY - MADRAS '70.

SPECIALIZATIONS : VEGETABLE TANNINS; SYNTHETIC TANNINS AND OTHER LEATHER CHEMICALS.

EXPERIENCE : J.R.F., S.R.F., S.S.A., SCIENTIST B, SCIENTIST C AND SCIENTSIT EI, C.L.R.I., 1962-85; SCIENTIST EII, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D ON VEGETABLE TANNINS, SYNTHETIC TANNINS AND OTHER LEATHER CHEMICALS; TEACHING.

LANGUAGES : TELUGU, TAMIL,ENGLISH.

VISITED : W. GERMANY.

PUBLICATIONS & PATENTS : RES. PAPERS - 68, ARTICLES - 5, PATENTS TAKEN - 3, PROCESSES DEVELOPED - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 26, APP. RES. - 24, TEACHING - 8, TESTING, OTHERS - 10.

3639

DR K S V SRINIVASAN; (B. SEPTEMBER 28, 1944),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. PHYSICAL CHEMISTRY - SRI VENKATESWARA '67; PH.D. POLYMER CHEMISTRY - MADRAS '73.

SPECIALIZATIONS : PHYSICAL CHEMISTRY; POLYMER SCIENCE AND TECHNOLOGY.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, C.L.R.I., 1975-89; (ALSO U.N. FELLOW, UNIVERSITY OF MASSACHUSETTS, USA, 1977; RESEARCH ASSOCIATE, UNIVERSITY OF U.S.A., VIRGINIA POLYTECHNIC AND STATE UNIVERSITY, BLACKSBURG, 1980-82); SCIENTIST EII, CLRI SINCE AUGUST, 1989.

PRESENT ACTIVITIES : R & D IN SYNTHESIS, MODIFICATION AND CHARACTERISATION OF POLYMERS, ADHESIVES AND COATINGS, PLANNING OF R&D ACTIVITIES FROM LAB SCALE AND TRANSLATION OF THESE TECHNOLOGIES TO COMMERCE.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

VISITED : U.S.A., U.K., CANADA, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 52, SCIENTIFIC BOOKS - 2, ARTICLES - 4, PATENTS TAKEN - 5, PATENTS FILED - 1, PROCESSES DEVELOPED - 7, PROCESSES UNDER UTILIZATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 27, APP. RES. - 15, CONSULTANCY - 5, TEACHING - 15, TECHNOLOGY TRANSFER - 10.

3640

SHRI C V SWAMINATHAN; (B. JUNE 10, 1937),

SCIENTIST EII, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '57; M.A. (SCIENCE) CHEMISTRY - MADRAS '59; M.SC. BIOCHEMISTRY - MADRAS '60.

SPECIALIZATIONS : BIOCHEMISTRY; R & D PLANNING.

EXPERIENCE : SALES ENGINEER, TOSHNIWAL BROS. LTD., BOMBAY, 1961-62; RESEARCH ASSISTANT, I.I.SC., BANGALORE, 1962-63; RESEARCH ASSOCIATE, MCGILL UNIVERSITY, CANADA, 1963-72; FIELD WORKER, SCIENTIST B, SCIENTIST C AND DEPUTY ADVISER (EI), C.S.I.R., 1973-85; SCIENTIST EI, C.L.R.I., 1985-88; SCIENTIST EII, C.L.R.I. SINCE JULY, 1988.

PRESENT ACTIVITIES : PLANNING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 6, SCIENTIFIC BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 9, R & D MGMT. - 16, PLANNING - 16, EDITING - 5, DOCUMENTATION - 5.

3641

SHRI S ANANTHANARAYANAN; (B. FEBRUARY 13, 1936),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '57; GRAD. I.E.T.E. - INSTITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERS, INDIA '74; M.E. INSTRUMENT TECHNOLOGY - ANNA '83; CERTIFICATE IN COMPUTER PROGRAMMING - ANNA '86.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION; MICROPROCESSORS APPLICATIONS; SCIENTIFIC INSTRUMENTATION.

EXPERIENCE : S.L.A., J.S.A., S.T.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1961-87; SCIENTIST EI, C.L.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : INSTRUMENTATION.

LANGUAGES : TAMIL, TELUGU, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, PAPERS OTHER - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILIZATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR ELECTRONIC MICROBALANCE, 1969.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN, TECHNICAL DEV., MAINTENANCE (TOTAL:29 YEARS).

3642

DR K SATISH BABU; (B. MARCH 6, 1944),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '69; M.TECH. LEATHER TECHNOLOGY - MADRAS '72; PH.D. LEATHER TECHNOLOGY - MADRAS '76.

SPECIALIZATIONS : LEATHER TECHNOLOGY; POLYMER CHEMISTRY; LEATHER AUXILIARIES; TECHNOLOGY TRANSFER.

EXPERIENCE : SCIENTIST B AND SCIENTIST C, C.L.R.I., 1976-87; (ALSO ON DEPUTATION AS PRINCIPAL, INSTITUTE OF TECHNOLOGY, HYDERABAD, 1982-85); SCIENTIST EI, C.L.R.I. SINCE JANUARY, 1987.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : HONG KONG, U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 10, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 8, TEACHING - 6, TECHNOLOGY TRANSFER - 4.

3643

DR(MRS) MARY BABU; (B. SEPTEMBER 29, 1948),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B SC CHEMISTRY - MADRAS '68; M SC BIOCHEMISTRY - MADRAS '71; PH.D. BIOCHEMISTRY - MADRAS '77.

SPECIALIZATIONS : PROTEIN CHEMISTRY; COLLAGEN BIOCHEMISTRY; ENZYME CHEMISTRY; BIOTECHNOLOGY.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1977-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : BASIC & APPLIED RESEARCH.

LANGUAGES : TAMIL, ENGLISH, HINDI.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES PAPERS: 20.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 18, APPLIED RES. - 2.

3644

SHRI S BALAKRISHNAN; (B. MAY 20, 1941),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '60; M.SC. CHEMISTRY - MADRAS '63; DIPLOMA IN CHEMICAL ENGINEERING - INSTITUTE OF CHEM. ENGINEERS '69.

SPECIALIZATIONS : EDITING; PUBLICATION; TECHNOLOGY TRANSFER; PIGMENTS; ELECTROCHEMISTRY.

EXPERIENCE : DEMONSTRATOR, VIVEKANANDA COLLEGE, MADRAS, 1960-61; LECTURER, C.N.M.COLLEGE, ERODE, TAMIL NADU, 1963-64; J.S.A., C.E.C.R.I., KARAIKUDI, 1964-67; JUNIOR CHEMIST, H.P.F., OOTACAMUND, 1967-69; CHIEF CHEMIST, MICOFARM CHEMICALS, METTUR DAM, TAMIL NADU, 1969-74; S.S.A., P.I.D., 1974-79; SCIENTIST B AND SCIENTIST C, C.L.R.I. 1979-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH; TECHNOLOGY TRANSFER; TEACHING.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 34, ARTICLES - 23.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 12, PRODUCTION - 6, TEACHING - 5, TECHNOLOGY TRANSFER - 3, EDITING - 5.

3645

SHRI D CHANDRAMOULI; (B. MAY 10, 1953),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. ECONOMICS - ANDHRA '76.

SPECIALIZATIONS : ECONOMICS; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1976-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : TECHNO-ECONOMIC SURVEYS; CONSULTANCY.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 9, TECH.REPORTS - 6.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 2, TECHNO - ECONOMIC SURVEYS -

3646

SHRI A GARG; (B. AUGUST 16, 1049),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - AGRA '68; M.SC. CHEMISTRY - AGRA '70; PH.D. CHEMISTRY - B.H.U. '73.

SPECIALIZATIONS : R & D ON INDUSTRIAL CHEMICALS.

EXPERIENCE : SCIENTIST B, SCIENTIST C AND SCIENTIST EI, R.R.L. JOHAT, 1977-92; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1992.

PRESENT ACTIVITIES : R & D.

LANGUAGES : HINDI, ENGLISH.

3647

SHRI N C KRISHNAN; (B. JUNE 16, 1939.),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. (TECH.) LEATHER TECHNOLOGY - MADRAS '63; CERTIFICATE IN COMPUTER PROGRAMMING - I.I.T., KANPUR '69; CERTIFICATE IN GERMAN - MAX MUELLER BHAVAN, DELHI '68.

SPECIALIZATIONS : EDITING; INFORMATION DISSEMINATION; PUBLIC RELATIONS.

EXPERIENCE : S.T.A., P.I.D., 1965-70; EDITOR (B), EDITOR (C) AND INDUSTRIAL LIAISON OFFICER (C), CLRI, 1970-87; SCIENTIST EI, CLRI SINCE AUGUST, 1987.

PRESENT ACTIVITIES : COMPILATION OF REPORTS AND RESEARCH PROGRAMMES; R & D PROJECT IN TANNERY; PROJECT BUDGETING AND PUBLICITY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES., PLANNING, EDITING, PUBLICITY, TANNERY (TOTAL:25YEARS).

3648

DR S KULASEKARAN; (B. NOVEMBER 15, 1935),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '55; B.SC. (TECH.) LEATHER TECHNOLOGY - MADRAS '60; M.TECH. LEATHER TECHNOLOGY - MADRAS '73; PH.D. LEATHER TECHNOLOGY - MADRAS '80.

SPECIALIZATIONS : LEATHER TECHNOLOGY; POLYMER CHEMISTRY; SURFACE AND COLLOIDS CHEMISTRY.

EXPERIENCE : CHEMIST, SHIPPERS' LABORATORY, MADRAS, 1957-59; TANNER-CUM- SUPERINTENDENT, TANNING-CUM-PRODUCTION CENTRE, CONGOLE, 1959-60; S.L.A, J.S.A, S.S.A, SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1962-87; SCIENTIST EI, C.L.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : R & D OF POLYMERIC PRODUCTS FOR USE IN LEATHER MANUFACTURE.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 40, SCIENTIFIC BOOKS - 1, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 19, TEACHING - 17, ADMN. - 2, DOCUMENTATION - 8.

3649

DR B LOKANADAM; (B. AUGUST 21, 1943),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65; M.SC. ANALYTICAL AND INORGANIC CHEMISTRY - MADRAS '69; PH.D. SURFACE STUDIES ON LEATHER - MADRAS '79.

SPECIALIZATIONS : ELECTRON MICROSCOPY: LEATHER AND COLLAGEN.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1968-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : SINGAPORE, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 24, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, TESTING AND QUALITY CONTROL - 2, TEACHING - 2.

3650

DR A B MANDAL; (B. JANUARY 13, 1952),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. (HONS.) CHEMISTRY - BURDWAN '72; M.SC. PHYSICAL CHEMISTRY - JADAVPUR '76; PH.D. CHEMISTRY - JADAVPUR '80.

SPECIALIZATIONS : COLLOID AND SURFACE CHEMISTRY; MACROMOLECULES AND POLYMERS; THERMODYNAMICS; ELECTROCHEMICAL STUDIES ON MICELLES MICROEMULSIONS AND BIOCOLLOIDS; NMR SPECTROSCOPY OF MICELLAR SYSTEMS; PHYSICAL CHEMISTRY OF COLLAGENS; PEPTIDES AND SOME PROTEINS; ULITRASONIC STUDIES ON LIQUIDS.

EXPERIENCE : ASSISTANT CHEMIST, OIL AND NATURAL GAS COMMISSION, DEHRADUN, 1978-79; SCIENTIST B AND SCIENTIST C, C.L.R.I., 1979-88; SCIENTIST EI, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.; TEACHNING.

LANGUAGES : BENGALI, HINDI, ENGLISH, GERMAN.

VISITED : CANADA, U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 35.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES. (TOTAL:15 YEARS).

3651

SHRI D MURALIDHARAN; (B. SEPTEMBER 5, 1955),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '75; M.SC. ANALYTICAL CHEMISTRY - MADRAS '77.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; INSTRUMENTAL ANALYSIS; CHROMATOGRAPHY OF LEATHER DYES; DYE - TANNIN - COLLAGEN INTERACTIONS.

EXPERIENCE : JR.WATER ANALYST, KING INSTITUTE, 1977-78; RESEARCH ASSTT., INDIAN COUNCIL OF MEDICAL RESEARCH, BANGALORE, 1978-80; S.S.A. AND SCIENTIST B, R.R.L., HYDERABAD, 1980-85; SCIENTIST B AND SCIENTIST C, C.L.R.I., 1985-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH REPORTS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 12, QUALITY CONTROL - 12.

3652

SHRI S MUTHUKRISHNAN; (B. SEPTEMBER 14, 1940),

MECHANICAL ENGINEER (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN REFRIGERATION AND AIR CONDITIONING ENGINEERING - BOARD OF TECHNICAL EDUCATION MADRAS '69; B.E. MECHANICAL - MADRAS '74.

SPECIALIZATIONS : REFRIGERATION AND AIR CONDITIONING.

EXPERIENCE : DRAFTSMAN, GOVT. COLLEGE OF TECHNOLOGY, COIMBATORE, 1959-62; TRACER, I.I.T., MADRAS, 1962-64; DRAFTSMAN, J.T.A., S.T.A., SCIENTIST A, MECHANICAL ENGINEER (B) AND MECHANICAL ENGINEER (C), C.L.R.I., 1964-89; MECHANICAL ENGINEER (EI), C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : DESIGN, DRAWING AND MAINTENANCE OF AIR CONDITIONING AND COLD STORAGE PLANTS.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH DEV. MAINTENANCE, ERECTION (TOTAL:25 YEARS).

3653

DR A SUBBARAMA NAIDU; (B. JULY 1, 1948),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. - SRI VENKATESWARA '70; M.A ECONOMICS - SRI VENKATESWARA '72; DIPLOMA LABOUR AND INDUSTRIAL LAW - SRI VENKATESWARA '73; PH.D. MARKETING OF RAW HIDES AND SKINS IN ANDHRA PRADESH - SRI VENKATESWARA '89.

SPECIALIZATIONS : TECHNO ECONOMIC SURVEYS.

EXPERIENCE : ECONOMIC INVESTIGATOR, RESEARCH OFFICER AND LECTURER (DURING SHORT INTERVALS), SRI VENKATESWARA UNIVERSITY, TIRUPATI, 1973-76; S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1976-89; SCIENTIST EI C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : TECHNO-ECONOMIC SURVEYS AND PREPARATION OF FEASIBILITY REPORTS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 13. TECH.REPORTS - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 1. TECHNO - ECONOMIC SURVEYS - 14.

3654

SHRI B KRISHNAMA NAIDU; (B. JULY 1, 1947),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. - SRI VENKATESWARA '69;M.SC. STATISTICS - SRI VENKATESWARA '72; M.A. ECONOMICS - SRI VENKATESWARA '78.

SPECIALIZATIONS : TECHNO ECONOMIC SURVEYS; DATA ANALYSIS; REPORT WRITING.

EXPERIENCE : FIELD INVESTIGATOR. COMPUTOR. RESEARCH ASSISTANT. SENIOR RESEARCH INVESTIGATOR AND STATISTICIAN. S.V. UNIVERSITY, TIRUPATI. 1972-78; STATISTICIAN, GANDHIGRAM INSTITUTE OF RURAL HEALTH AND FAMILY PLANNING, MADURAI. 1978; SCIENTIST B AND SCIENTIST C, C.L.R.I., 1978-88: SCIENTIST EI, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : TECHNO-ECONOMIC SERVEYS: DATA COLLECTION AND ANLYSIS; PREPARATION OF FEASIBILITY REPORTS AND INTERPRETATION; REPORT WRITING.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6. TECH. REPORTS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 18. TECHNO-ECONOMIC SURVEYS - 12.

3655

SHRI K PARTHASARATHI; (B. MARCH 2, 1939),

TECHNICAL OFFICER (EI), CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - INSTITUTE OF LEATHER TECHNOLOGY, MADRAS '59.

SPECIALIZATIONS : TANNING AND FINISHING OF E.I. HIDES AND SKINS; WET BLUE HIDES AND SKINS; FUR SKINS; REPTILE LEATHERS; LIGHT LEATHERS.

EXPERIENCE : J.L.A., J.S.A., S.S.A., SCIENTIST A. SCIENTIST B AND SCIENTIST C, C.L.R.I., 1963-88; TECHNICAL OFFICER (EI), C.L.R.I. SINCE SEPTEMBER, 1988.

PRESENT ACTIVITIES : R & D OF NEWER PROCESSES AND PRODUCTS OF LEATHER.

LANGUAGES : TELUGU, TAMIL, KANNADA. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 60. TECH. REPORTS - 1, PATENTS FILED - 1. PROCESSES DEVELOPED - 50.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.. TECH. DEV., TESTING, MAINTENANCE. PRODUCTION. (TOTAL:26 YEARS).

3656

DR P T PERUMAL; (B. MARCH 6, 1951),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '74; M.SC. ORGANIC CHEMISTRY - MADURAI '76; PH.D. ORGANIC CHEMISTRY - I.I.SC., BANGALORE '81.

SPECIALIZATIONS : REACTION MECHANISM: ORGANOBORANES; PHYSICAL ORGANIC CHEMISTRY; SYNTHETIC ORGANIC CHEMISTRY.

EXPERIENCE : RESEARCH ASSOCIATE. I.I.SC., BANGALORE, 1981; POST - DOCTORAL RESEARCH ASSOCIATE. PURDUE UNIVERSITY, INDIANA, U.S.A., 1981-83; RESEARCH ASSOCIATE AND POOL OFFICER (CSIR). I.I.SC., BANGALORE. 1983-85; SCIENTIST C, R.R.L., HYDERABAD. 1985; SCIENTIST C. C.L.R.I., 1985-90; SCIENTIST EI, C.L.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : RESEARCH ON MECHANISM OF TANNIN ACTION; SYNTHESIS OF GALLO TANNINS.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 20. PATENTS TAKEN - 3, PATENTS FILED - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, TEACHING - 4.

3657

DR R PUVANAKRISHNAN; (B. DECEMBER 15, 1946),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '65; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '69; M.SC. BIOCHEMISTRY - MADRAS '72; PH.D. BIOCHEMISTRY - MADRAS '81.

SPECIALIZATIONS : IMMOBILIZED ENZYMES; COLLAGEN METABOLISM; PURIFICATION AND CHARACTERIZATION OF ENZYMES.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1966-89; (ALSO VISITING SCIENTIST, UNIV. OF MEDICINE AND DENTISTRY, NEW JERSEY N.J., USA. 1988-90); SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH ON ENZYMOLOGY AND PROTEIN CHEMISTRY.

LANGUAGES : TAMIL, TELUGU. ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 21. SCIENTIFIC BOOKS - 1, PAPERS PRESENTED - 10. PATENTS TAKEN - 2.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA); FELLOW, INDIAN CHEMICAL SOCIETY.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16, APP.RES. - 16, TESTING - 8, QUALITY CONTROL - 8. TEACHING - 7. EDITING - 7.

3658

SHRI P RAMAKRISHNAN; (B. AUGUST 2, 1937),

WORKS-IN-CHARGE (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - INSTITUTE OF LEATHER TECHNOLOGY, MADRAS '59.

SPECIALIZATIONS : LEATHER MANUFACTURING; NEWER LEATHER FINISHING AND PROCESSING OF LEATHERS; LIGHT LEATHER FINISHING.

EXPERIENCE : J.L.A., S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND WORKS-IN-CHARGE (C), C.L.R.I. 1960-88; (ALSO TRAINING IN LEATHER GOODS MANUFACTURE, CORD WAINERS TECHNICAL COLLEGE, LONDON, U.K. 1976-77); WORK-IN-CHARGE (EI), C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D IN LEATHER GOODS MANUFACTURE; ORGANISING TRAINING PROGRAMMES.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.K., ITALY, W. GERMANY.

PUBLICATIONS & PATENTS : PATENTS TAKEN - 1. PROCESSES DEVELOPED - 7.

AWARDS & DISTINCTIONS : NATIONAL AWARD FOR THE DEVELOPMENT OF NEWER LEATHER FINISHING PROCESS CALLED "TRANSFER FINISH", 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT, PRODUCTION - 10, TEACHING - 15.

3659

SHRI S RAMAKRISHNAN; (B. JUNE 5, 1948),

ENGINEER (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. MECHANICAL - MADRAS '69.

SPECIALIZATIONS : LEATHER GOODS MACHINES; BOTTLE WASHING MACHINES; CONVEYOR CHAINS.

EXPERIENCE : APPRENTICE, BINNY ENGINEERING WORKS, MADRAS, 1970-71; ERECTION ENGINEER, RITA AGENCIES, MADRAS, 1972-75; SCIENTIST A, SCIENTIST B AND SCIENTIST C, CLRI, 1975-81; ENGINEER (EI), C.L.R.I. SINCE JANUARY, 1985.

PRESENT ACTIVITIES : DEVELOPMENT AND MAINTENANCE OF LEATHER GOODS MACHINES.

LANGUAGES : TAMIL, ENGLISH.

VISITED : ITALY, W. GERMANY.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV. - 5, CONSULTANCY - 5, QUALITY CONTROL - 5, MAINTENANCE - 5, PRODUCTION - 5, TEACHING - 5, PLANNING - 5.

3660

DR(MS) M D RANGANAYAKI; (B. FEBRUARY 14, 1942),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. LEATHER SCIENCE - LEEDS UNIVERSITY, U.K. '77; PH.D. LEATHER SCIENCE - MADRAS '85.

SPECIALIZATIONS : LEATHER SCIENCE; UTILIZATION OF SLAUGHTER HOUSE AND TANNERY BYPRODUCTS; EVALUATION OF FOOTWEAR MATERIAL; FOOD COLLAGEN PRODUCTS; COLLAGEN-BASED COSMETICS; VERMICULTURE TECHNOLOGY FOR WASTE MANAGEMENT.

EXPERIENCE : GRADUATE APPRENTICE,S.L.A., J.S.A., S.S.A.,SCIENTIST B AND SCIENTIST C, C.L.R.I., 1964-90; (ALSO TRAINING IN ANIMAL BYPRODUCTS, U.S.A., 1980-81); SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D ON UTILIZATION OF SLAUGHTER HOUSE AND TANNERY BYPRODUCTS.

LANGUAGES : KANNADA, TAMIL, HINDI, ENGLISH, GERMAN, RUSSIAN, JAPANESE.

VISITED : U.K., U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 35. TECH REPORTS - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 23. APP. RES. - 23, TESTING - 19, MAINTENANCE - 19, QUALITY CONTROL - 19, EDITING - 1, DOCUMENTATION - 10.

3661

SHRI K SARJUNA RAO; (B. JUNE 15, 1936),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. ECONOMICS - ANDHRA '62.

SPECIALIZATIONS : TECHNO ECONOMIC SURVEYS; PREPARATION OF ALTERNATIVE MODELS FOR LEATHER INDUSTRY.

EXPERIENCE : ECONOMIC INVESTIGATOR, NATIONAL COUNCIL OF APPLIED ECONOMICS RESEARCH, NEW DELHI, 1963-66; ECONOMIC INVESTIGATOR, S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1966-87; SCIENTIST EI, C.L.R.I. SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : PREPARATION OF FEASIBILITY REPORTS AND CONDUCTING MARKET SURVEYS.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : IRAN, FRANCE, AUSTRIA, BELGIUM, DENMARK, SWEDEN, FINLAND, U.K., SOUTH KOREA.

PUBLICATIONS & PATENTS : RES. PAPERS - 13, TECH. REPORTS - 33.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNO-ECONOMIC SURVEYS, SURVEY OF NATURAL RESOURCES, CONSULTANCY (TOTAL:24YEARS).

3662

SHRI S SUBBA RAO; (B. SEPTEMBER 15, 1953),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - ANDHRA '74; M.SC. HUMAN GENETICS - ANDHRA '76; B.LIB.SC. LIBRARY SCIENCE - ANDHRA '79; A.D.I.SC. - I.S.I., BANGALORE '80.

SPECIALIZATIONS : INFORMATION PROCESSING AND DISSEMINATION; ON-LINE INFORMATION RETRIEVAL SERVICES; CREATION OF BIBLIOGRAPHICAL DATABASES; E-MAIL.

EXPERIENCE : LIBRARIAN, S V S S ARTS & SC. COLLEGE, ATTILY, ANDHRA PRADESH, 1977-78 AND 1980; SR. LIBRARIAN, LIBRARY OFFICER (B) AND LIBRARY OFFICER (C), R.R.L., HYDERABAD, 1980-86; LIBRARIAN, ASTRA RESEARCH CENTRE, BANGALORE, 1988-90; SCIENTIST EI, C.L.R.I. SINCE MARCH, 1990.

PRESENT ACTIVITIES : DOCUMENTATION AND COORDINATING ACTIVITIES OF LIBRARIAN.

LANGUAGES : TELUGU, KANNADA, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 10. EDITING - 3, DOCUMENTATION - 10, COMPUTER PROCESSING - 5, OTHERS (LIBRARY) - 10.

3663

DR B SIVARAMI REDDY; (B. JANUARY 20, 1950),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - ANDHRA '67; M.SC. PHYSICAL CHEMISTRY - SRIVENKATESWARA '70; PH.D. POLYMER CHEMISTRY - MADRAS '78.

SPECIALIZATIONS : PHYSICAL ORGANIC CHEMISTRY; MEMBRANE SCIENCE; POLYMER CHEMISTRY.

EXPERIENCE : POST DOCTORAL RESEARCH ASSOCIATE, QUEENS UNIVERSITY, U.K,, 1979-81; POST DOCTORAL RESEARCH FELLOW, IMPERIAL COLLEGE, LONDON, 1981-83; (ALSO RESEARCH OFFICER - BATH UNIVERSITY, U.K., 1987-89); SCIENTIST C, C.L.R.I., MADRAS, 1983-88; SCIENTIST EI, C.L.R.I., MADRAS SINCE OCTOBER, 1988. PRESENT ACTIVITIES: R & D.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : U.K.

PUBLICATIONS & PATENTS : RES. PAPERS - 57, SCIENTIFIC BOOKS - 1, PATENTS FILED - 3.

AWARDS & DISTINCTIONS : FELLOW, ROYAL SOCIETY OF CHEMISTS (UK), 1990.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 19, APPLIED RESEARCH - 15, TEACHING - 10.

3664

SHRI D S ROOSEVELT; (B. OCTOBER 12, 1943),

ENGINEER (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '64; B.E. MECHANICAL - MADRAS '68; M.E. MECHANICAL - MADRAS '83.

SPECIALIZATIONS : MACHINE DESIGN; PRESS TOOLS; FABRICATION.

EXPERIENCE : ASSISTANT ENGINEER, PREMIER ELECTRO-MECHANICAL FABRICATORS, MADRAS, 1968-72; SHOP SUPERINTENDENT, JAYALAKSHMI INDUSTRIES, VADAPALANI, MADRAS, 1972-74; LECTURER, INSTITUTE OF LEATHER TECHNOLOGY, MADRAS, 1974-76; SCIENTIST B AND ENGINEER (C), C.L.R.I., 1976-88; ENGINEER (EI), C.L.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : TEACHING; DESIGN & DEVELOPMENT OF TANNING, FOOTWEAR AND LEATHER GOODS MACHINES.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 7, PRODUCTION - 9, TEACHING - 10.

3665

SHRI S SADULLA; (B. AUGUST 24, 1947),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '69; M.TECH. LEATHER TECHNOLOGY - MADRAS '72.

SPECIALIZATIONS : LEATHER TECHNOLOGY; HAIR-ON TANNING AND FUR PROCESSING.

EXPERIENCE : SUPERVISOR (TECH.), P. ABDUL KHADER SAHIB & CO., AMBUR, 1969-70; S.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1972-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH; TEACHING AND TRAINING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, ARTICLES - 3, PROCESSES DEVELOPED - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES. - 14, PRODN. - 3, TEACHING - 14.

3666

SHRI N SAMIVELU; (B. JUNE 12, 1943),

TECHNICAL OFFICER (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - INSTITUTE OF LEATHER TECHNOLOGY, MADRAS '66.

SPECIALIZATIONS : GARMENT LEATHER; UPPER LEATHER.

EXPERIENCE : TECHNICIAN, BENIL LEATHER CORPORATION, MADRAS, 1966-73; J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1973-89; TECHNICAL OFFICER (EI), C.L.R.I., MADRAS SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 7, PROCESSES DEVELOPED - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, CONSULTANCY - 4, PRODUCTION - 9, TECHNO-ECONOMIC SURVEYS - 4, TECHNOLOGY TRANSFER - 4.

3667

SHRI S K SARKAR; (B. FEBRUARY 2, 1950),

SCIENTIST EI, REGIONAL CENTRE FOR EXTENSION & DEVELOPMENT, CALCUTTA (C.L.R.I., MADRAS).

QUALIFICATIONS : B.SC. (TECH.) LEATHER TECHNOLOGY - CALCUTTA '71.

SPECIALIZATIONS : LEATHER PROCESSING TECHNOLOGY; ADOPTIVE RESEARCH; PROCESS DEMONSTRATION; CONSULTANCY IN LEATHER TECHNOLOGY.

EXPERIENCE : SENIOR TRAINEE (G.O.I.), C.L.R.I., 1972-73; TANNERY MANAGER, M/S GOODWILL TANNERY, CALCUTTA, 1973-74; J.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1974-89; SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT; CONSULTANCY; ADOPTIVE RESEARCH.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8, TECH. REPORTS - 9.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 16, TECH. DEV. - 18, CONSULTANCY - 18, TESTING - 7, QUALITY CONTROL - 18, MAINTENANCE - 7, SURVEY OF NATURAL RESOURCES - 4, TECHNO-ECONOMIC SURVEYS - 3, TECHNOLOGY TRANSFER - 18, ADMN. - 17, EXTENSION - 16.

3668

DR P K SEHGAL; (B. JUNE 3, 1950),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - RAJASTHAN '69; M.SC. CHEMISTRY - RAJASTHAN '71; PH.D. COLLAGEN CHEMISTRY - MADRAS '81.

SPECIALIZATIONS : COLLAGEN CHEMISTRY; ANIMAL BYPRODUCTS; LEATHER CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1975-90; SCIENTIST EI, C.L.R.I. SINCE FEBURARY, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : PUNJABI, HINDI, TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 29, ARTICLES - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP. RES. - 12.

3669

DR(MRS) M SIVAPARVATHI; (B. AUGUST 7, 1948),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. ZOOLOGY - ANDHRA '71; PH.D. ZOOLOGY - MADRAS '75.

SPECIALIZATIONS : MICROBIOLOGY; BIOCHEMISTRY; RAW HIDES AND SKINS PRESERVATION; IMMUNOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST B AND SCIENTIST C, C.L.R.I., 1974-90; (ALSO POST DOCTORAL FELLOW, MEDICAL COLLEGE, VIRGINIA, U.S.A., 1985-90); SCIENTIST EI, C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TELUGU, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES.PAPERS - 24, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 19, APP.RES. - 19, TEACHING 7.

3670

DR(MISS) SCHOLINGA CANTHADA SUMATHI; (B. MARCH 6, 1935),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - ANDHRA '56; B.SC.(HONS.) CHEMISTRY - SRI VENKATESWARA '58; M.SC. ANALYTICAL CHEMISTRY - SRI VENKATESWARA '59; PH.D. OIL TECHNOLOGY - SOFIA UNIVERSITY, BULGARIA '78.

SPECIALIZATIONS : VEGETABLE AND MINERAL TANNING; LAC PRODUCTS; OILS AND FATS.

EXPERIENCE : ASSISTANT LECTURER, INSTITUTE OF LEATHER TECHNOLOGY, MADRAS, 1959; J.R.F., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1959-87; SCIENTIST EI, C.L.R.I. SINCE JULY, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH, GERMAN, RUSSIAN, FRENCH, BULGARIAN.

VISITED : BULGARIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, TECH. REPORTS - 2, PROCESSES DEVELOPED - 16, PROCESSES UNDER UTILISATION - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 13, PILOT PLANT - 3.

3671

SHRI K R V THAMPURAN; (B. JULY 28, 1935),

TECHNICAL OFFICER (EI), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - KERALA '54; DIPLOMA IN LEATHER TECHNOLOGY - CITY AND GUILDS OF LONDON INSTITUTE '61; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '71.

SPECIALIZATIONS : VEGETABLE TANNING; ANALYTICAL CHEMISTRY; COMBINATION TANNAGE.

EXPERIENCE : S.L.A., J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, C.L.R.I., 1960-88; TECHNICAL OFFICER (EI), C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH ON VEGETABLE TANNINS; TEACHING; PREPARATION OF REPORTS; PROJECT MONITORING AND EVALUATION.

LANGUAGES : MALAYALAM, HINDI, TAMIL, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 45, TECH. REPORTS - 2, ARTICLES - 20, PROCESSES DEVELOPED - 1, PROCESSES UNDER UTILIZATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 30, APP. RES. - 30, TECH. DEV. - 10, PILOT PLANT - 10, CONSULTANCY - 10, TESTING - 32, QUALITY CONTROL - 20, TEACHING - 20, TECHNOLOGY TRANSFER - 5, EDITING - 20, ABSTRACTING SERVICES - 15.

3672

DR(MRS) K VIJAYALAKSHMI; (B. FEBRUARY 9, 1936),

SCIENTIST EI, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '55; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '79; PH.D. ORGANIC CHEMISTRY - PATNA '83.

SPECIALIZATIONS : METAL FINISHING; VEGETABLE TANNING; OILS, FATS AND WAXES.

EXPERIENCE : DEMONSTRATOR, A.C. COLLEGE FOR WOMEN, KOTTAI, 1955-59; S.L.A. AND J.S.A., CECRI, KARAIKUDI, 1959-62; J.S.A., S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, CLRI, 1962-88; SCIENTIST EI, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 55, PATENTS TAKEN - 10, PATENTS FILED - 4, PROCESSES DEVELOPED - 15, PROCESSES UNDER UTILISATION - 8.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1985; RBGV SWAIKA MEMORIAL AWARD, 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING, BASIC RES., APP. RES., PILOT PLANT, TECH. DEV., CONSULTANCY (TOTAL:34 YEARS).

3673

SHRI S ABDUL WAHEED; (B. JULY 19, 1935),

SCIENTIST EI, REGIONAL CENTRE FOR EXTENSION & DEVELOPMENT, KANPUR (C.L.R.I., MADRAS).

QUALIFICATIONS : CERTIFICATE IN LEATHER TECHNOLOGY - STATE BOARD OF TECHNICAL EDUCATION, LUCKNOW '57.

SPECIALIZATIONS : HIDES AND SKINS; HEAVY LEATHERS; SOPHISTICATED LEATHERS.

EXPERIENCE : S.S.A., SCIENTIST A, SCIENTIST B AND SCIENTIST C, REGIONAL, EXTENSION CENTRE OF C.L.R.I., 1964-89; SCIENTIST EI, REGIONAL CENTRE FOR EXTENSION & DEVELOPMENT, KANPUR (C.L.R.I.) SINCE JULY, 1989.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER.

LANGUAGES : URDU, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 24, TECH. DEV. - 24, CONSULTANCY - 24, QUALITY CONTROL - 24, PRODN. - 10, TECHNOLOGY TRANSFER - 24, ADMN. - 5, EXTENSION - 24.

3674

SHRI N K CHANDRA BABU; (B. MAY 11, 1957),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '80; M.TECH. LEATHER TECHNOLOGY - ANNA '82.

SPECIALIZATIONS : LEATHER TECHNOLOGY; MINERAL TANNING; LEATHER AUXILIARIES; POLLUTION FREE LEATHER PROCESSING.

EXPERIENCE : LEATHER TECHNOLOGIST, MAKARA LEATHERS, MADRAS,1982-85; PARTNER, V.I.P. LEATHERS, MADRAS, 1985-86; RESEARCH ASSOCIATE, C.L.R.I., 1986-89; SCIENTIST C, C.L.R.I. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH; INDUSTRIAL CONSULTANCY; TEACHING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2, ARTICLES - 3, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TEACHING - 2, APPLIED RESEARCH - 5, CONSULTANCY - 1, PRODUCTIONS - 4, TECHNOLOGY TRANSFER - 1.

3675

DR(MRS) R PADMA BAI; (B. SEPTEMBER 27, 1941),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '62; M.SC. CHEMISTRY - MADRAS '64; PH.D. CHEMISTRY - MADRAS '80.

SPECIALIZATIONS : PROTEIN CHEMISTRY.

EXPERIENCE : S.L.A. AND J.S.A., C.F.T.R.I., MYSORE, 1964-73; S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1973-86; SCIENTIST C, C.L.R.I. SINCE 1986.

PRESENT ACTIVITIES : R & D IN PROTEIN CHEMISTRY.

LANGUAGES : MARATHI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 25.

3676

DR M BALAKRISHNAN; (B. APRIL 1, 1940),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.TECH. LEATHER TECHNOLOGY - MADRAS '65; PH.D. LEATHER TECHNOLOGY - MADRAS '83.

SPECIALIZATIONS : SKINS AND HIDES; QUALITY CONTROL OF LEATHER MAKING PROCESS; RUBBERISED LEATHERS; SYNTHETIC INCORPORATED LEATHERS.

EXPERIENCE : J.R.F., C.L.R.I., 1962-63; CONSULTANT (PRIVATE) 1965-66; S.R.F., S.S.A. SCIENTIST A AND SCIENTIST B, C.L.R.I., 1966-88; SCIENTIST C, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH, GERMAN, FRENCH, RUSSIAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 19, TECH. REPORTS - 2, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 22, APP. RES. - 22, TECH. DEV., TECHNOLOGY TRANSFER (TOTAL:22 YEARS).

3677

SHRI G BALARAMAN; (B. JANUARY 22, 1942),

ENGINEER (C), CENTRAL LEATHER RESEARCH INSTITUTE,MADRAS.

QUALIFICATIONS : POST DIPLOMA IN REFRIGERATION & AIR CONDITIONING - TAMILNADU '76; B.E. ELECTRICAL - MADRAS '81.

SPECIALIZATIONS : HIGH VOLTAGE AND SWITCH GEAR; REFRIGERATION AND AIR CONDITIONING.

EXPERIENCE : MISTRY, FINE MECHANIC, WORKS ASSISTANT, S.T.A., TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), C.L.R.I., 1963-87; ENGINEER (C), C.L.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D MANAGEMENT; MAINTENANCE; PLANNING AND EXECUTION OF NEW ELECTRICAL WORKS.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : R&D MGMT.-15, MAINTENANCE-27, CONSULTANCY-2.

3678

DR K BALASUBRAMANIAN; (B. NOVEMBER 25, 1945),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - MADRAS '68; PH.D ORGANIC CHEMISTRY - MADRAS '74; DIPLOMA IN GERMAN - MAX MUELLER BHAVAN, MADRAS '65.

SPECIALIZATIONS : ORGANIC SYNTHESIS; PREPARATION OF SYNTANS; SYNTHESIS OF NATURAL PRODUCTS.

EXPERIENCE : RESEARCH FELLOW, MADRAS UNIVERSITY, 1968-73; POST DOCTORAL FELLOW, WAYNE STATE UNIVERSITY, TEMPLE UNIVERSITY AND DREXEL UNIVERSITY, U.S.A., 1974-78; SCIENTIST B, C.L.R.I., 1978-83; SCIENTIST C, C.L.R.I. SINCE NOVEMBER, 1983.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, HINDI, SANSKRIT, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 30.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 20, APP. RES.- 9, R & D MGMT.- 10, TEACHING - 15.

3679

DR(MRS) GAYATRI BISWAS; (B. JUNE 2, 1951),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '74; M.SC. BIOCHEMISTRY - MADRAS '76; M.PHIL. BIOCHEMISTRY - MADRAS '77; PH.D. BIOCHEMISTRY - MADRAS 81.

SPECIALIZATIONS : PET FOOD DEVELOPMENT; CHROMIUM TOXICITY; RECYCLING OF ANIMAL AND SLAUGHTER HOUSE WASTE.

EXPERIENCE : J.S.A. AND SCIENTIST B, C.L.R.I. 1977-87;(ALSO TRAINING ON RECYLING OF ANIMAL WASTE, U.S.A., 1982); SCIENTIST C, C.L.R.I. SINCE AUGUST, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, TAMIL, ENGLISH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPER - 12, ARTICLES - 3, PROCESSES DEVELOPED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 5.

3680

DR(MISS) RATNA CHAKRABORTY; (B. MARCH 10, 1957),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. (HONS.) BOTANY - GAUHATI '75; M.SC. BOTANY - GAUHATI '77; PH.D. BOTANY - CALCUTTA '84; DIPLOMA IN MICROBIOLOGY - INTERNATIONAL POSTGRADUATE UNIVERSITY, OSAKA, JAPAN '87.

SPECIALIZATIONS : GENETIC ENGINEERING; MICROBIAL ENZYMOLOGY; MICROBIAL POLYSACCHARIDE SYNTHESIS; WASTE UTILIZATION.

EXPERIENCE : RESEARCH ASSOCIATE, BOSE INSTITUTE, CALCUTTA, 1984-86; SCIENTIST B, C.L.R.I. 1987-90; SCIENTIST C, C.L.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : BENGALI, HINDI, ASSAMESE, ENGLISH.

VISITED : JAPAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 15, PATENT - 1..

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 5.

3681

DR B CHANDRASEKARAN; (B. APRIL 17, 1959),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '83; M.TECH. LEATHER TECHNOLOGY - ANNA '85; PH.D. LEATHER TECHNOLOGY - ANNA '90.

SPECIALIZATIONS : HIGH EXHAUST CHROME TANNING SALTS; MINERAL TANNING; COMPUTER APPLICATIONS IN SCIENCE; COMPUTER APPLICATIONS IN MANAGEMENT.

EXPERIENCE : S.R.F AND R.A., C.L.R.I., 1986-91; SCIENTIST C, C.L.R.I. SINCE MAY, 1991.

PRESENT ACTIVITIES : TEACHING; APPLIED RESEARCH; COMPUTER PROCESSING.

LANGUAGES : TAMIL, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 6, APP. RES. - 1, TEACHING - 1, COMPUTER PROCESSING - 5.

3682

SHRI M ROY CHAUDHURY; (B. JULY 11, 1936),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. - PUNJABI '80; M.A. HISTORY - PUNJABI '82.

SPECIALIZATIONS : ORGANISING EXHIBITIONS; SETTING UP OF LEATHER MUSEUM.

EXPERIENCE : MUSEUM ASSISTANT, J.T.A, S.T.A, SCIENTIST A AND TECHNICAL OFFICER (B), C.L.R.I., 1962-88; TECHNICAL OFFICER (C), C.L.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : EXHIBITIONS; SETTING UP OF LEATHER MUSEUM.

LANGUAGES : BENGALI, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 15, OTHERS - 1, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : AWARD FOR DESIGNING EXHIBITIONS IN INTERNATIONAL LEATHER FAIRS, INDIAN LEATHERS FAIR SOCIETY, MADRAS, 1967 TO 1980.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING OF LEATHER MUSEUM - 27, DESIGNING OF EXHIBITION STALLS - 27, CATALOGUING SYSTEM IN THE MUSEUM - 15.

3683

SHRI M B CHAUHAN; (B. MAY 9, 1939),

SCIENTIST C. REGIONAL CENTRE FOR EXTENSION & DEVELOPMENT, RAJKOT (C.L.R.I, MADRAS).

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - STATE BOARD OF TECHNICAL EDUC., BOMBAY '61.

SPECIALIZATIONS : LEATHER TECHNOLOGY; TECHNOLOGY DEVELOPMENT FOR RURAL LEATHER INDUSTRY; PROCESSING OF SHARK FISH SKINS.

EXPERIENCE : SUPERVISOR, K. & V.I. COMMISSION, AHMEDABAD, 1962-65; S.L.A., J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1965-88; SCIENTIST C C.L.R.I. SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D; CONSULTANCY, TECHNOLOGY TRANSFER AND EXTENSION.

LANGUAGES : URDU, GUJARATI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 21, SCIENTIFIC BOOKS - 1, ARTICLES - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR PROCESSING OF SHARK FISH SKIN LEATHER, 1967.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 22, PILOT PLANT - 3, CONSULTANCY - 10, PRODUCTION - 5, SURVEY OF NATURAL RESOURCES - 1, TECHNO - ECONOMIC SURVEYS - 1, TECHNOLOGY TRANSFER - 22, EDITING - 1, EXTENSION - 22.

3684

DR(MRS) ARUNA DHATHATHREYAN; (B. JUNE 21, 1955),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSITUTE.

QUALIFICATIONS : B.SC. PHYSICS - MADRAS '74; M.SC. PHYSICS - MADRAS '77; PH.D. PHYSICS - MADRAS '84.

SPECIALIZATIONS : BIOPHYSICS; SURFACE SCIENCE; MATERIALS RESEARCH; INSTRUMENTATION.

EXPERIENCE : TUTOR, MADRAS CHRISTIAN COLLEGE, MADRAS, 1977-78; POST DOCTORAL FELLOW, MAX PLANCK INST. FOR BIOPHYS. CHEM., 1983-84; POST DOCTORAL FELLOW, BIOPHY GROUP, UNIV. OF GRONINGEN, THE NETHERLANDS, 1984-85; SENIOR SCIENTIST, MAX.PLANCK INST., GERMANY, 1986-89; CSIR FELLOW, C.L.R.I., 1989-91; SCIENTIST C, C.L.R.I. SINCE JUNE, 1991

PRESENT ACTIVITIES : BASIC & APPLIED RESERCH.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN, ITALIAN.

VISITED : THE NETHERLANDS, GERMANY.

PUBLICATIONS & PAPERS : RES. PAPERS - 21, ARTICLES - 1.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 12, APP. RES. - 6, DESIGN -5, TECHNICAL DEV. - 5, TEACHING - 5, COMPUTER PROCESSING - 12.

3685

SHRI K B GUPTA; (B. JULY 15, 1937),

SCIENTIST C. CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - M.P. '58; B.A. - VIKRAM '65.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : SUPERVISOR, DIRECTORATE OF INDUSTRIES, M.P., 1959-66: J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1966-84; (ALSO ASSISTANT WORKS MANAGER, RAJASTHAN STATE TANNERIES, TONK, 1975-76); SCIENTIST C, C.L.R.I. SINCE JANUARY, 1984.

PRESENT ACTIVITIES : R & D; EXTENSION.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 41, TECH. REPORTS - 4, PATENTS FILED - 1, PROCESSES DEVELOPED - 30, PROCESSES UNDER UTILIZATION - 21.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR DEVELOPMENT OF BANDHANI LEATHERS, 1973.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 23, TECH. DEV. - 15, CONSULTANCY - 8, R&D MGMT. - 5, TESTING -5, QUALITY CONTROL - 10, MAINTENANCE - 8, PRODN. - 10, IND.MGMT. - 8, SURVEY OF NATURAL RESOURCES - 2, TECHNO-ECONOMIC SURVEYS - 3, PLANNING - 5, TECHNOLOGY TRANSFER - 20, SALES MARKETING - 2, ADMN. - 10, EXTN. - 15, TECH. TRAINING - 15.

3686

DR SANJEEV GUPTA; (B. JUN. 2, 1963),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH LEATHER TECHNOLOGY - KANPUR '83; M.TECH. PLASTIC TECHNOLOGY - KANPUR '85; PH.D. PLASTIC TECHNOLOGY - KANPUR '89.

SPECIALIZATIONS : LEATHER PROCESSING; LEATHER CHEMICALS; TANNERY EFFLUENT TREATMENT; STANDARDIZATION & QUALITY CONTROL IN LEATHER INDUSTRY.

EXPERIENCE : ASSISTANT CHEMICAL ENGINEER, J.K. SYNTHETICS, KOTA, 1985-86; S.R.F., CSIR, 1986-87; LECTURER, H.B.T.I., KANPUR, 1987-91; SCIENTIST C, C.L.R.I. SINCE AUGUST, 1991.

PRESENT ACTIVITIES : INDUSTRIAL LIAISON; TECHNOLOGY TRANSFER; CONSULTANCY.

LANGUAGES : HINDI, ENGLISH, GERMAN.

VISITED : GERMANY, THE NETHERLANDS.

PUBLICATIONS & PATENTS : RES.PAPERS - 6, TECH. REPORTS - 4, ARTICLES -8, PROCESS DEVELOPED - 1

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 2, APP. RES. - 2, CONSULTANCY - 4, TESTING - 4, QUALITY CONTROL - 4, PRODUCTION - 1, TEACHING - 4, ADMINISTRATION - 3, TECHNOLOGY TRANSFER - 2, COMPUTER PROCESSING - 1.

3687

SHRI M M GURUMOORTHY; (B. DECEMBER 15, 1955),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. MATHEMATICS - MADRAS '76; D.M.I.T. ELECTRONICS ENGINEERING - MADRAS '79.

SPECIALIZATIONS : ELECTRONIC ENGINEERING.

EXPERIENCE : SCIENTIST B, R.R.L., HYDERABAD, 1984-87; SCIENTIST B, C.L.R.I., 1987-88; SCIENTIST C, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : DEVELOPMENT, MAINTENANCE AND SERVICING OF ELECTRONIC INSTRUMENTS.

LANGUAGES : TAMIL, HINDI, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 10.

3688

DR R JAYAKUMAR; (B. APRIL 7, 1960),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '80; M.SC. CHEMISTRY - MADRAS 83; PH.D.

SPECIALIZATIONS : SPECTROSCOPY; ORGANIC CHEMISTRY; BIOCHEMISTRY; PHYSICAL CHEMISTRY.

EXPERIENCE : RESEARCH FELLOW, I.I.T., MADRAS, 1983-86; SCIENTIST B, C.L.R.I., 1986-89; SCIENTIST C, C.L.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TAMIL, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS-2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4.

3689

DR NANDI JOSEPH; (B. JULY 1, 1941),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - ANDHRA '60; M.SC. CHEMISTRY - SAUGAR '64; PH.D. CHEMISTRY - MADRAS '70.

SPECIALIZATIONS : PHYSICAL ORGANIC CHEMISTRY; CHEMISTRY OF NATURAL PRODUCTS; POLYMER CHEMISTRY; SPINNING OF SPECIAL GRADE POLYACRYLONITRILE FIBRES; CHROME MANAGEMENT.

EXPERIENCE : NON - MEDICAL DEMONSTRATOR AND LECTURER, KURNOOL MEDICAL COLLEGE, 1960-62 AND 1964-66; TEACHING ASSISTANT, DIRECTORATE OF HIGHER EDUCATION, 1970-74; S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1975-86; (ALSO TRAINING IN PREPARATION AND CHARACTERIZATION OF POLYMERS, 1980); SCIENTIST C.L.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

VISITED : W. GERMANY, U.K., THE NETHERLANDS, FRANCE.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6. APP. RES. - 12. TEACHING - 8.

3690

SHRI S KRISHNAN; (B. AUGUST 8, 1955),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - MADRAS '79; M.TECH. LEATHER TECHNOLOGY - ANNA '84.

SPECIALIZATIONS : SOFT UPPER LEATHER; GRAIN GARMENT LEATHER; CHROME SAVING TECHNOLOGIES.

EXPERIENCE : TECHNOLOGIST, M/S TATA EXPORTS, INDORE, 1979-80; J.S.A., S.S.A. AND SCIENTIST B, C.L.R.I., 1983-90; SCIENTIST C, CLRI SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL , ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 2, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES.-4, APP. RES.- 2, TEACHING - 3, PLANNING - 3, TECHNOLOGY TRANSFER - 3.

3691

DR(MRS) W MADHULATHA; (B. MAY 1, 1948),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC.- SRI VENKATESWARA '71; M.SC. ORGANIC CHEMISTRY - SAUGAR '73; PH.D. CHEMISTRY - MADRAS '83.

SPECIALIZATIONS : VEGETABLE TANNINS; FLAVANOIDS; NOVALAC - BASED SYNTANS.

EXPERIENCE : S.L.A., J.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1974-87; (ALSO ON DEPUTATION TO I.L.T., HYDERABAD, 1985-87); SCIENTIST C, C.L.R.I. SINCE NOVEMBER, 1988.

PRESENT ACTIVITIES : PREPARATION OF POLYURETHANE BASED TOP COATS AND MICROSCOPY OF LEATHER MANUFACTURE.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PROCESSES DEVELOPED - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 16,APP. RES. - 16, TEACHING - 5. PLANNING - 2, ADMN. - 2.

3692

SHRI K S MANIVASAGAM; (B. OCTOBER 18, 1942),

EXECUTIVE ENGINEER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN CIVIL ENGINEERING - TAMILNADU '62; B.E. CIVIL - MADRAS '74.

SPECIALIZATIONS : STRUCTURAL DESIGN; PLANNING.

EXPERIENCE : JUNIOR ENGINEER, ASSTT.CIVIL ENGINEER AND ASSTT. EXECUTIVE ENGINEER (B), CLRI, 1967-87; EXECUTIVE ENGINEER (C), C.L.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : CIVIL CONSTRUCTION.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSTRUCTION - 25.

3693

SHRI Y MURALI MANOHAR; (B. OCTOBER 2, 1944),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3694

SHRI T N MISRA; (B. DECEMBER 5, 1947),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3695

SHRI C MURALIDHARAN; (B. JUNE 6, 1962),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. - LEATHER TECHNOLOGY, ANNA '84; M.TECH. LEATHER TECHNOLOGY - ANNA '87.

SPECIALIZATIONS : THEORY AND PRACTICE OF LEATHER MANUFACTURE; PREPARATION OF SYNTANS; CHEMISTRY AND MECHANISM OF SYNTHETIC TANNING AGENTS; SPECIALITY FINISHES.

EXPERIENCE : TECHNICIAN, MAYPER LEATHER MFG. CO., 1985; TECHNICAL EXECUTIVE, BEEKAY CHEMICALS, MADRAS, 1987; SCIENTIST B, C.L.R.I., MADRAS, 1987-91; SCIENTIST C, C.L.R.I., MADRAS SINCE DECEMBER, 1991.

PRESENT ACTIVITIES : APPLIED RESEARCH

LANGUAGES : TAMIL, ENGLISH, SANSKRIT, HINDI.

PUBLICATIONS & PATENTS : RESEARCH PAPERS - 5, TECH REPORTS - 3, ARTICLES - 6, PATENTS FILLED CURRENTLY - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : PROF M SANTAPPA GOLD MEDAL, C.L.R.I., 1989.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 3, TECHNICAL DEV. - 3 CONSULTANCY - 3, QUALITY CANTROL - 1, PRODUCTION -1, IND. MANAGEMENT - 1, PLANNING - 2.

3696

DR BALACHANDRAN UNNI NAIR; (B. APRIL 12, 1953),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '74; M.SC. CHEMISTRY - CALICUT '76; PH.D. CHEMISTRY - MADRAS '81.

SPECIALIZATIONS : COORDINATION CHEMISTRY; PHOTOCHEMISTRY; BIOINORGANIC CHEMISTRY; ELECTROCHEMISTRY.

EXPERIENCE : J.R.F. AND S.R.F., C.L.R.I., 1978-81; RESEARCH ASSOCIATE, PRINCETON UNIVERSITY, U.S.A., 1981-84; POOL OFFICER, C.L.R.I., 1985-87; SCIENTIST C, C.L.R.I. SINCE JUNE, 1987.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 19.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RESEARCH - 12, APP. RESEARCH - 4, CONSULTANCY - 2.

3697

SHRI A P PANNEERSELVAM; (B. NOVEMBER 12, 1939),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN FINE ARTS, - GOVERNMENT COLLEGE OF ARTS AND CRAFTS, MADRAS '63; DIPLOMA IN ETCHING - GOVERNMENT COLLEGE OF ARTS AND CRAFTS, MADRAS '65; ADVANCE DIPLOMA, PAINTING - DELHI COLLEGE OF ART, NEW DELHI '67; DIPLOMA SUPERIOR, PAINTINGS - ECOLE DE BEAUX ART, FRANCE '71.

SPECIALISATIONS : PAINTING AND GRAPHICS.

EXPERIENCE : RESEARCH SCHOLAR IN PAINTING AND GRAPHICS, DELHI COLLEGE OF ARTS, DELHI, 1965-67; INSTRUCTOR, GOVT. COLLEGE OF ART AND CRAFTS, MADRAS, 1973- 76; DESIGNER(B), C.L.R.I., 1976-81; (ALSO UNDP FELLOW TO STUDY LEATHER GOODS DESIGN, TOCO LEATHER GOODS FACTORY, YUGOSLAVIA, 1979-80); TECHNICAL OFFICER (C), C.L.R.I. SINCE JULY, 1981.

PRESENT ACTIVITIES : R & D; DESIGNING AND DEMONSTRATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : FRANCE, U.K., AUSTRALIA, YUGOSLAVIA.

AWARDS & DISTINCTIONS : NEW DELHI LALIT KALA ACADEMY AWARD IN GRAPHICS, 1968; MADRAS STATE LALIT KALA ACADEMY AWARD, 1981.

PROFESSIONAL EXPERIENCE (IN YEARS) : DESIGN, R&D MANAGEMENT, QUALITY CONTROL, PRODUCTION, TEACHING (TOTAL: 11 YEARS).

3698

SHRI B G S PRASAD; (B. NOVEMBER 22, 1949),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. CHEMISTRY - GUJARAT '73.

SPECIALIZATIONS : ENVIRONMENTAL TECHNOLOGY; AIR POLLUTION; WASTE WATER TREATMENT; SOLID WASTE MANAGEMENT.

EXPERIENCE : J.R.F. AND J.S.A., N.E.E.R.I., NAGPUR (MADRAS CENTRE), 1975-79; S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1979-87; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : ENVIRONMENTAL TECHNOLOGY, SOLID WASTE MANAGEMENT, RECYCLING AND REUSE OF TANNERY WASTE.

LANGUAGES : TELUGU, HINDI, TAMIL, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 30, TECH. REPORTS - 6, ARTICLES - 8, BIBLIOGRAPHY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 12, APP. RES. - 10, DESIGN - 6, PILOT PLANT - 3, CONSULTANCY - 8, R & D MGMT. - 5, CONSTRUCTION - 3, OPERATION - 3, TESTING - 3, MAINTENANCE - 5, TEACHING - 6.

3699

SHRI HANUMANTU PURUSHOTHAM; (B. SEPTEMBER 1, 1960),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANDHRA '82; M.TECH. CHEMICAL ENGINEERING, I.I.T., KHARAGPUR '84; DIPLOMA IN MANAGEMENT - I.G.N.O.U.

SPECIALIZATIONS : CHEMICAL ENGINEERING; CEMENT TECHNOLOGY; COMBUSTION ENGINEERING; PLANT DESIGN; PROCESS DEVELOPMENT; PROCESS ECONOMICS.

EXPERIENCE : SCIENTIST B, R.R.L, JORHAT, 1984-86; CADRE OFFICER, NATIONAL COUNCIL FOR CEMENT & BUILDING MATERIALS, NEW DELHI, 1986-88; SCIENTIST C, C.L.R.I. SINCE MARCH, 1988.

PRESENT ACTIVITIES : R&D; PROCESS DEVELOPMENT & DESIGN, TECHNOECONOMIC FEASIBILITY STUDIES; SAFETY AND RISK ANALYSIS.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : TECH.REPORTS - 10, ARTICLES - 8, PROCESSES DEVELOPED - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 2, APPLIED RESEARCH - 5.

3700

DR(MRS) G SUSEELA RAJAKUMAR; (B. MARCH 22, 1950),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '71; M.SC. BIOCHEMISTRY - MADRAS '74; PH.D. BIOCHEMISTRY - MADRAS '86.

SPECIALIZATIONS : BIOCHEMISTRY; ENZYMOLOGY; MICROBIOLOGY; LEATHER PRESERVATION.

EXPERIENCE : J.S.A. AND SCIENTIST B, C.L.R.I. 1977-87; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R&D.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 13, APP.RES. - 13, TEACHING -3.

3701

DR(MRS) RAMA RAJARAM; (B. MARCH 5, 1953),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '73; M.SC. BIOCHEMISTRY - MADRAS '75; PH.D. BIOCHEMISTRY- MADRAS '82.

SPECIALIZATIONS : PROTEIN BIOCHEMISTRY.

EXPERIENCE : J.R.F., S.R.F. AND RESEARCH ASSOCIATE, C.L.R.I., MADRAS, 1976-84; POST DOCTORAL FELLOW, MT. SINAI SCHOOL OF MEDICINE, N.Y., U.S.A., 1984-86; POST DOCTORAL FELLOW, CORNELL UNIV., ITHAC, U.S.A., 1986-88; POOL OFFICER, C.L.R.I, 1989-91; SCIENTIST C, C.L.R.I. SINCE AUGUST, 1991.

PRESENT ACTIVITIES : BASIC RESEARCH.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 17.

AWARDS & DISTINCTIONS ; FELLOW, AMERICAN HEART ASSOCIATION, USA, 1984-86.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 15, TEACHING - 5.

3702

DR A RAJARAMAN; (B. JANUARY 17, 1953),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. PHYSICS - CALICUT '74; PH.D. PHYSICS - MADRAS '81.

SPECIALIZATIONS : BIOMATERIALS; BIOMECHANICS; PHYSICS.

EXPERIENCE : J.S.A. AND SCIENTIST B, C.L.R.I., 1977-87; (ALSO POST-DOCTORAL ASSOCIATE, CORNELL UNIVERSITY, U.S.A., 1985-87); SCIENTIST C, C.L.R.I. SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, MALAYALAM, HINDI, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPER - 17.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 15, APP. RES. - 5, TEACHING - 5.

3703

SHRI J RAJARAMAN; (B. MAY 21, 1950),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. ENGG. MECHANICAL - CALICUT '75; POST DIPLOMA IN TOOL DESIGN - C.P.T., MADRAS '86.

SPECIALIZATIONS : TOOL DESIGN; BATTERIES; INSTRUMENTATION.

EXPERIENCE : J.T.A., CECRI, KARAIKUDI, 1977-82; TECHNICAL OFFICER (A) AND TECHNICAL OFFICER (B), C.L.R.I., 1982-89; SCIENTIST C , C.L.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : INSTRUMENTATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, PROCESSES DEVELOPED - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APPLIED RESEARCH - 7, MAINTENANCE - 8.

3704

SHRI R RAJENDRAN; (B. OCTOBER 10, 1948),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. ECONOMICS - MADRAS '73; POST M.A. DIPLOMA IN ECONOMICS - MADRAS '76; M.PHIL. ECONOMICS - MADRAS '83; PH.D. ECONOMICS '90.

SPECIALIZATIONS : INDUSTRIAL ECONOMICS; ECONOMICS OF SCIENCE AND TECHNOLOGY; TECHNOLOGY TRANSFER.

EXPERIENCE : DATA COMPILER, DEPT. OF INDUSTRY, GOVT. OF INDIA, 1974-75; JUNIOR ASSISTANT, DEPT. OF TREASURY, GOVT. OF TAMILNADU, 1975; J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1976-89; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH, TECHNO-ECONOMIC SURVEYS AND CONSULTANCY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, TECHNO - ECONOMIC SURVEYS - 14.

3705

SHRI B V RAMABRAHAMAM; (B. SEPTEMBER 4, 1959),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH CHEMICAL ENGINEERING - ANDHRA '82; P.G. DIPLOMA IN BUSINESS ADMINISTRATION - ANNAMALAI '89.

SPECIALIZATIONS : CHEMICAL ENGINEERING.

EXPERIENCE : CHEMICAL ENGINEER, A.C.C. LTD., VIJAYAWADA, 1984-84; PROJECT ENGINEER, M/S WELL BRINER CHEMICAL PVT. LTD., 1984-86; GRADE E-I EXECUTIVE, M/S CEMENT CORPORATION OF INDIA LTD., TANDUR, 1986-91; SCIENTIST C, C.L.R.I. SINCE APRIL, 1991.

LANGUAGES : TELUGU, ENGLISH, HINDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNO-ECONOMIC SURVEYS - 2, PRODUCTION - 6.

3706

SHRI R ALWAR RAMANUJAM; (B. MAY. 30, 1953),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : B.TECH.- CHEMICAL ENGINEERING - ANNA '75; M.TECH. CHEMICAL ENGINEERING - ANNA '77; P.G.DIP. ECOLOGY ENVIRONMENT - I.I.E.E., NEW DELHI '89.

SPECIALIZATIONS : FLUID MECHANICS; ENVIRONMENTAL IMPACT ASSESSMENT - AIR QUALITY; NOISE POLLUTION CONTROL; AIR AND WATER QUALITY MONITORING AND MODELLING.

EXPERINCE : JR. ENGINEER, I.D.C., LTD.; 1977-78; POOL OFFICER, CECRI, KARAIKUDI, 1977-82; SCIENTIST B, N.C.C.B.M., NEW DELHI, 1982-91; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1991.

PRESENT ACTIVITIES : APPLIED RESEARCH, DESIGN AND CONSULTANCY.

LANGAUGES : TAMIL, ENGLISH, HINDI.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS -7.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 3, APP.RES. - 3, DESIGN - 4, TECH. DEV. - 4, PILOT. PLANT - 4, CONSULTANCY - 4, OPERATION - 5, TESTING - - 6, MAINTENANCE - 3, PRODUCTION - 1, TEACHING - 3, TECHNO-ECONOMIC SURVEYS - 3, COMPUTER PROCESSING - 4.

3707

DR (MRS) D VIJAYA RAMESH; (B. APRIL 15, 1954),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. BIOCHEMISTRY - ANDHRA '77; PH.D. BIOCHEMISTRY - MADRAS '89.

SPECIALIZATIONS : BIOCHEMISTRY; COLLAGEN CHEMISTRY.

EXPERIENCE : S.S.A. AND SCIENTIST A, IICB, CALCUTTA, 1980-82; SCIENTIST A AND SCIENTIST B, C.L.R.I., 1982-89; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH.

LANGUAGES : TELUGU, HINDI, BENGALI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, TEACHING - 2.

3708

SHRI C PULINDA RAO; (B. FEBRUARY 6, 1948),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. ECONOMICS - ANDHRA '70; M.A. ECONOMICS - ANDHRA '73; M.B.A. MARKETING - MADRAS '84.

EXPERIENCE : S.S.A. AND SCIENTIST B, C.L.R.I., 1976-87; SCIENTIST C, C.L.R.I. SINCE APRIL, 1987.

PRESENT ACTIVITIES : TECHNO-ECONOMIC SURVEYS; PREPARATION OF FEASIBILITY REPORTS.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPER - 6, TECH. REPORTS - 5.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 14, TECHNO - ECONOMIC SURVEYS - 14.

3709

SHRI D RAGHUNATHA RAO; (B. JULY 10, 1942),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - SRI VENKATESWARA '65; CERTIFICATE IN CIVIL ENGINEERING - A.P. '60; ADVANCED CERTIFICATE IN GERMAN, G.D.R. ACADEMIC SERVICE. INDIA '71.

SPECIALIZATIONS : OILS AND FATS CHEMISTRY; LEATHER AUXILIARIES.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (B), C.L.R.I. 1967-88; TECHNICAL OFFICER (C), C.L.R.I. SINCE AUGUST, 1988.

PRESENT ACTIVITIES : R & D IN OILS AND FATS BASED PRODUCTS.

LANGUAGES : KANARESE, MARATHI, TELUGU, TAMIL, HINDI, ENGLISH, GERMAN.

PUBLICATIONS & PATENTS : RES. PAPERS - 23, TECH. REPORTS - 1, ARTICLES - 5, PATENTS TAKEN - 6, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 5.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA), 1988.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, PILOT PLANT - 20, CONSULTANCY - 5, QUALITY CONTROL - 20, PLANNING - 10, TECHNOLOGY TRANSFER - 10.

3710

SHRI P SAMBASIVA RAO; (B. JANUARY 11, 1942),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEACH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - ANDHRA '64; CERTIFICATE IN FOOTWEAR - C.F.T.C., MADRAS '73.

SPECIALIZATIONS : LEATHER TANNING.

EXPERIENCE : GRADUATE APPRENTICE, S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (B), C.L.R.I, 1965-90; TECHNICAL OFFICER (C), C.L.R.I. SINCE JANUARY, 1990.

PRESENT ACTIVITIES : RESEARCH IN TANNING.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 11, PROCESSES DEVELOPED - 11.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 20, TECH. DEV.- 20, PILOT PLANT - 5, CONSULTANCY - 20, PRODUCTION - 5, TEACHING - 5, SURVEY OF NATURAL RESOURCES - 2, TECHNOLOGY TRANSFER - 18, EXTENSION - 18.

3711

DR S G V S PANDURANGA RAO; (B. NOVEMBER 17, 1955),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - KAKATIYA '78; M.TECH. CHEMICAL PLANT DESIGN - I.I.T., KHARAGPUR '80; PH.D. MASS TRANSFER - I.I.T., KANPUR '87.

SPECIALISATIONS : MASS TRANSFER AND DIFFUSION IN POLYMERIC SYSTEMS; MATHEMATICAL MODELLING OF TRANSFER PROCESSES; SUPER CRITICAL EXTRACTION.

EXPERIENCES : SCIENTIST C, IIP, DEHRADUN, 1987-89: SCIENTIST C, C.L.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : BASIC RESEARCH; CONSULTANCY.

LANGUAGES : TELUGU. HINDI. ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 7, CONSULTANCY - 4, TEACHING - 3.

3712

DR G VENKATARAMANA REDDY; (B. JULY 1, 1948),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC.- SRI VENKATESWARA '69; M.SC. PHYSICAL CHEMISTRY - SRI VENKATESWARA '71; PH.D. PHYSICAL CHEMISTRY - MADRAS '76.

SPECIALIZATIONS : POLYMER SCIENCE.

EXPERIENCE : S.S.A. AND SCIENTIST B, CLRI, 1977-88; (ALSO POST GRADUATE COURSE IN MACROMOLECULAR CHEMISTRY, INSTITUTE OF MACROMOLECULAR SCIENCE, PRAGUE, CZECHOSLOVAKIA, 1984-85); SCIENTIST C, C.L.R.I SINCE FEBRUARY, 1988.

PRESENT ACTIVITIES : R & D IN NEW POLYMERIC MATERIALS FOR LEATHER INDUSTRY.

LANGUAGES : TELUGU, ENGLISH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 14. PATENTS TAKEN - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 14, APP. RES. - 14.

3713

DR C SAIKUMAR; (B. SEPTEMBER 5, 1952),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. CHEMISTRY - BOMBAY '78; PH.D. CHEMISTRY - MADRAS '84.

SPECIALIZATIONS : POLYMER CHEMISTRY; PROCESS DEVELOPMENT; LEATHER CHEMICALS.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B. C.L.R.I, 1974-88; (ALSO ATTENDED P.G. COURSE IN MACROMOLECULAR CHEMISTRY, UNESCO, CZECHOSLOVAKIA, 1980-81); SCIENTIST C, C.L.R. SINCE APRIL, 1988

PRESENT ACTIVITIES : R & D; TEACHING; CONSULTANCY.

LANGUAGES : TAMIL, HINDI, ENGLISH; FRENCH.

VISITED : CZECHOSLOVAKIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 28, TECH. REPORTS - 1, ARTICLES - 3, PATENTS TAKEN - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 2.

AWARDS & DISTINCTIONS : INDIAN PAINTS ASSOCIATION AWARD FOR RESEARCH PAPER ON SURFACE COATINGS, 1979.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 10, TECH. DEV. - 8, PILOT PLANT - 2, CONSULTANCY - 5, TESTING - 5, TEACHING - 3.

3714

DR R SANJEEVI; (B. NOVEMBER 23, 1946),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : PH.D. PHYSICS - MADRAS '75.

SPECIALIZATIONS : BIOPHYSICS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST B, C.L.R.I., 1971-86; SCIENTIST C, C.L.R.I. SINCE AUGUST, 1986; (ALSO RESEARCH IN BIOPHYSICS, UNIVERSITY OF ALBAMA, U.S.A., 1986-88).

PRESENT ACTIVITIES : RESEARCH IN BIOPHYSICS.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 32, PATENTS TAKEN - 1, PATENTS FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 19.

3715

SHRI G SEKARAN; (B. JUNE 10, 1956),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. APPLIED CHEMISTRY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I., 1979-90; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : R & D; CONSULTANCY.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6, TECHNICAL REPORTS - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 11, APP. RES. - 11, CONSULTANCY - 4.

3716

SHRI CHARAN SINGH; (B. NOVEMBER 10, 1950),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3717

MRS J LAKSHMI SIVAJYOTHI; (B. SEPTEMBER 18, 1951),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. ECONOMICS - ANDHRA '76. CERTIFICATE COURSE IN COMPUTER.

SPECIALIZATIONS : ECONOMICS; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : J.S.A., S.S.A. SCIENTIST A AND SCIENTIST B, C.L.R.I., 1978-90; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : TECHNO-ECONOMIC SURVEYS; PREPARATION OF FEASIBILITY REPORTS; DATA COLLECTION; COMPUTERISATION; PROCESSING AND ANALYSIS OF THE FIELD DATA.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

VISITED : THE NETHERLANDS.

PUBLICATIONS & PATENTS : ARTICLES - 5. TECH REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNO-ECONOMIC SURVEYS - 9.

3718

SHRI T S SRINIVASAN; (B. MAY 14, 1941),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '63.

SPECIALIZATIONS : ANIMAL BYPRODUCTS UTILISATION; EXOTIC LEATHERS; TANNERY SOLID WASTE; FISHERY WASTE.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (B), C.L.R.I. 1969-89; TECHNICAL OFFICER (C), C.L.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH, GERMAN.

VISITED : AUSTRALIA, NEW ZEALAND.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, TECH. REPORTS - 4, ARTICLES - 2, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2, PROCESSES RELEASED TO INDUSTRY - 2.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR MANUFACTURE OF EXOTIC LEATHERS FROM CATTLE STOMACH LINING, 1974.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES., APP. RES., PILOT PLANT, CONSULTANCY, TECHNOLOGY TRANSFER - (TOTAL : 23 YEARS).

3719

SHRI S SUBBARAMAN; (B. JULY 19, 1944)),

ENGINEER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING - TAMILNADU '68.

SPECIALIZATIONS : TOOL DESIGN; DEVELOPMENT OF SIMPLE MACHINE AND TOOLS FOR LEATHER GOODS.

EXPERIENCE : SITE SUPERVISOR,TAMILNADU CEMENTS, 1969-70; JR. ENGINEERING ASSTT., ENNORE THERMAL SCHEME, 1970-72; AGRICULTURAL ENGG. SUPERVISOR/ JR. ENGINEER, 1972-75; SUPERVISOR, MACHINERY ENGINEER (A) AND ENGINEER (B), CLRI 1975-90; ENGINEER (C), C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : MAINTENANCE OF MACHINES; DEVELOPMENT OF SIMPLE MACHINES.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH DEV. - 4, QUALITY CONTROL - 2, MAINTENANCE - 7, PRODUCTION - 3, R & D - 3.

3720

SHRI G SWAMINATHAN; (B. OCTOBER 19, 1949),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - MADRAS '71; M.TECH. CHEMICAL ENGINEERING - MADRAS '74.

SPECIALIZATIONS : VEGETABLE TANNING MATERIALS; ANALYTICAL TECHNIQUES; CONSULTANCY IN CHEMICAL ENGINEERING.

EXPERIENCE : CHEMICAL ENGINEER TRAINEE, M/S ENGINEERING COMBINE PVT. LTD., MADRAS, 1974-75; POOL OFFICER, RESEARCH ASSOCIATE AND SCIENTIST B, C.L.R.I, 1976-88; SCIENTIST C, C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : RESEARCH; TEACHING; CONSULTANCY; RISK & SAFETY ANALYSIS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 7.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, PILOT PLANT - 1, CONSULTANCY - 3, TEACHING - 6.

3721

DR M P SWAMY; (B. AUGUST 3, 1936),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '58; A.I.C. - INSTITUTION OF CHEMISTS, INDIA '78; PH.D. CHEMISTRY - PATNA '83.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; LEATHER CHEMISTRY.

EXPERIENCE : S.L.A., GENERAL HOSPITAL, PONDICHERRY, 1959-65; CHEMIST, T.B. CHEMOTHERAPHY CENTRE, MADRAS, 1965-66; S.L.A., J.S.A., S.S.A. AND SCIENTIST B, CLRI, 1966-87; SCIENTIST C, C.L.R.I SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : EVALUATION OF A NEW MINERAL TANNING AGENT.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 33, ARTICLES - 2, PATENTS FILED - 1, PROCESSES DEVELOPED - 1.

AWARDS & DISTINCTIONS : FELLOW, INSTITUTION OF CHEMISTS (INDIA) 1985; INVENTIONS PROMOTION BOARD AWARD FOR THE PROCESS ON PREPARATION OF PREDOMINANTLY CATIONIC BASIC TITANIUM SULPHATE, 1986.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 10, PILOT PLANT - 1, TESTING - 20, QUALITY CONTROL - 20.

3722

DR MAHADESWARA SWAMY; (B. NOVEMBER 23, 1948),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. BOTANY - MYSORE '73; PH.D. BOTANY - MADRAS '86.

SPECIALIZATIONS : BOTANY; VEGETABLE TANNINS; PLANT TOXICOLOGY.

EXPERIENCE : J.S.A., S.S.A., SCIENTIST A AND SCIENTIST B, C.L.R.I, 1976-87; SCIENTIST C, C.L.R.I SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : R & D; HORTICULTURE.

LANGUAGES : KANNADA, HINDI, TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 18, TECH REPORTS - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES - 14, APP. RES. - 14, SURVEY OF NATURAL RESOURCES - 6, TECHNO-ECONOMIC SURVEYS - 6, HORTICULTURE - 3.

3723

DR(MRS) Y MARGARET THERESA; (B. AUGUST 4, 1935),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '57; M.A. BOTANY - MADRAS '59; PH.D. PHYTOCHEMISTRY - MADRAS '66.

SPECIALIZATIONS : VEGETABLE TANNING MATERIALS; UTILIZATION OF TANNERY EFFLUENTS AND WAXY FAT LIQUORS.

EXPERIENCE : LECTURER, ST. AGNES COLLEGE, MANGALORE, 1959-61; J.R.F., S.S.A., SCIENTIST A AND SCIENTIST B, CLRI, 1961-80; (ALSO VISITING SCIENTIST FOR STUDY ON THE LATEST TECHNIQUES IN NATURAL PLANTS PRODUCTS AND VEGETABLE TANNIN EXTRACTS, FRANCE, 1977-78; TRAINING IMPARTED ON VEGETABLE TANNIN MATERIALS, NIGERIAN LEATHER RESEARCH INSTITUTE, NIGERIA, 1979-82); SCIENTIST C, C.L.R.I SINCE MAY, 1980.

PRESENT ACTIVITIES : R&D ON BOTANICAL AND PHYTOCHEMICAL ASPECTS OF VEGETABLE TANNINS; PREPARATION OF LEAFLETS AND MONOGRAPHS; DEVELOPMENT OF RICE BRAN WAX BASED FAT LIQUORS FOR USE IN THE LEATHER INDUSTRY.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : FRANCE, NIGERIA.

PUBLICATIONS & PATENTS : RES. PAPERS - 35, TECH. REPORTS - 4, ARTICLES - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 22, PILOT PLANT - 2, CONSULTANCY - 5, R&D MGMT. - 8, TEACHING - 3, SURVEY OF NATURAL RESOURCES - 8, TECHNO-ECONOMIC SURVEYS - 5, PLANNING - 8.

3724

SHRI J S L VASUDEVAN; (B. APRIL 4, 1939),

TECHNICAL OFFICER (C), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. MATHEMATICS - MADRAS '60; DIPLOMA IN STATISTICS - MADRAS '64; M.SC. MATHEMATICS - ANNAMALAI '89.

SPECIALIZATIONS : INFORMATION DISSEMINATION; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : COMPUTER, S.L.A., J.S.A., S.S.A., SCIENTIST A AND TECHNICAL OFFICER (B), CLRI, 1962-90; TECHNICAL OFFICER (C), C.L.R.I SINCE JANUARY, 1990.

PRESENT ACTIVITIES : ANALYSIS; TECHNO-ECONOMIC SURVEYS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 22, TECH. REPORTS -6.

PROFESIONAL EXPERIENCE (IN YEARS) : CONSULTANCY - 27, TECHNO - ECONOMIC SURVEYS - 17.

3725

DR K VENKATABOOPATHY; (B. AUGUST 18, 1943),

SCIENTIST C, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '64; M.SC. ANALYTICAL AND INORGANIC CHEMISTRY - MADRAS '69; PH.D. VEGETABLE TANNING AGENTS - MADRAS '78.

SPECIALIZATIONS : ANALYTICAL CHEMISTRY; INORGANIC CHEMISTRY; EVALUATION OF LEATHER CHEMICALS; VEGETABLE AND SYNTHETIC TANNING.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST B, C.L.R.I., 1966-86; SCIENTIST C, C.L.R.I. SINCE FEBRUARY, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH.

VISITED : POLAND, E. GERMANY.

PUBLICATIONS & PATENTS : RES.PAPERS - 14.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 17, APP.RES. - 17, TESTING - 7.

3726

MRS S AMBA; (B. JULY 4, 1946),

DOCUMENTATION OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. - MADRAS '66; B.LIB. LIBRARY SCIENCE - MADRAS '68; M.A. POLITICAL SCIENCE - MADRAS '74; ASSOCIATESHIP IN DOCUMENTATION - D.R.T.C., BANGALORE '76.

SPECIALIZATIONS : DOCUMENTATION AND INFORMATION SCIENCE.

EXPERIENCE : J.S.A. AND S.S.A., SCIENTIST B, C.L.R.I, 1969-84; DOCUMENTATION OFFICER (B), C.L.R.I SINCE MARCH, 1984.

PRESENT ACTIVITIES : COMPILATION OF BIBLIOGRAPHY; ABSTRACTING AND INDEXING OF PERIODICALS.

LANGUAGES : TAMIL, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE (IN YEARS) : DOCUMENTATION - 13.

3727

SHRI P ANANDAKRISHNAN; (B. DECEMBER 6, 1938),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. ZOOLOGY - MADRAS '62; M.A. PUBLIC ADMINISTRATION - UTKAL '69.

SPECIALIZATIONS : LIBRARY SCIENCE; PUBLIC ADMINISTRATION.

EXPERIENCE : U.D.C., DEPT.OF INDUSTRIES & COMMERCE, MADRAS, 1965-74; PROGRAMME ASSISTANT, S.T.A. AND TECHNICAL OFFICER (A), C.L.R.I, 1974-89; TECHNICAL OFFICER (B), C.L.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : LIBRARY MANAGEMENT; INFORMATION DISSEMINATION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : BIBLIOGRAPHIES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : ADMN. - 11, LIBRARY MANAGEMENT - 6.

3728

DR V ARUMUGAM; (B. JULY 4, 1950),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC PHYSICS (ELECTRONICS) - MADRAS '82; PH.D. PHYSICS - MADRAS '89

SPECIALIZATIONS : ELECTRON MICROSCOPY; MECHANICAL PROPERTIES; FRACTURE MECHANICS; MATERIALS SCIENCE.

EXPERIENCE : S.L.A., J.S.A. AND S.T.A. C.L.R.I, 1976-90; SCIENTIST B, C.L.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : R & D

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PATENTS - 1

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10, APPLIED RESEARCH - 4, TEACHING - 1

3729

SHRI KASSEY VICTOR BABU; (B. OCTOBER 18, 1966),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - OSMANIA '88; M.SC. APPLIED ELECTRONICS - OSMANIA '90.

SPECIALIZATIONS : APPLIED ELECTRONICS; NMR SPECTROSCOPY AND IMAGING.

EXPERIENCE : P.G.TRAINEE AND TECHNICAL ASSISTANT GR VIII, IICT, RRL, HYDERABAD, 1990-92; SCIENTIST B, C.L.R.I. ADYAR, MADRAS SINCE AUGUST, 1992.

PRESENT ACTIVITIES : RESEARCH AND MAINTENANCE OF NMR SPECTROSCOPY AND IMAGING; BASIC RESEARCH ON NMR.

LANGUAGES : TELUGU, HINDI, URDU, TAMIL, ENGLISH, GREEK.

3730

SHRI P A BALAKRISHNAN; (B. NOVEMBER 27, 1952),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN ELECTRICAL ENGINEERING - TAMILNADU '72.

SPECIALIZATIONS : ELECTRICAL ENGINEERING.

EXPERIENCE : ELECTRICAL ASSISTANT, NEERI, NAGPUR, 1976-79; FOREMAN, S.T.A. AND TECHNICAL OFFICER (A), C.L.R.I., 1979-88; TECHNICAL OFFICER (B), C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : ELECTRICAL INSTALLATIONS AND MAINTENANCE.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : MAINTENANCE - 14.

3731

SHRI P K BHATTACHARYYA; (B. OCTOBER 11, 1958),

SCIENTIST B, REGIONAL CENTRE FOR EXTENSION & DEVELOPMENT, JALANDHAR, (C.L.R.I., MADRAS).

QUALIFICATIONS : B.SC.(TECH.) LEATHER TECHNOLOGY - CALCUTTA '81; P.G. DIPLOMA, SCIENCE & TECHNOLOGY - BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI '90.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : LEATHER TECHNOLOGIST, VARIOUS PRIVATE LEATHER MANUFACTURING INDUSTRIES, 1981-87; WORKS MANAGER, P.LEATHER HOUSE (P) LTD., W.BENGAL, 1987-88; SCIENTIST B, RCED, JALANDHAR (CLRI) SINCE APRIL, 1988.

PRESENT ACTIVITIES : APPLIED RESEARCH; TRANSFER OF TECHNOLOGY AND EXTENSION.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : BANGLADESH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RESEARCH, TECHNICAL DEV., CONSULTANCY OPERATION, TESTING, QUALITY CONTROL, PRODUCTION, TECHNOLOGY-TRANSFER, EXTN. (TOTAL: 13 YEARS)

3732

SHRI S V R CHANDER; (B. OCTOBER 15, 1935),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. ECONOMICS - MADRAS '57; LL.B. - OSMANIA '64.

SPECIALIZATIONS : TECHNOLOGY TRANSFER; INFORMATION DISSEMINATION.

EXPERIENCE : L.D.C., CLRI, 1957-62; U.D.C., NGRI, HYDERABAD, 1962-67; U.D.C., PROGRAMME ASSISTANT, S.T.A. AND TECHNICAL OFFICER (A), CLRI 1967-89; TECHNICAL OFFICER (B), CLRI SINCE MARCH, 1989.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER.

LANGUAGES : TAMIL, HINDI, SANSKRIT, TELUGU, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECHNOLOGY TRANSFER - 17, ADMN. - 18.

3733

SHRI DIPANKAR CHAUDHURY; (B. SEPTEMBER 22, 1960),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3734

SHRI B N DAS; (B. DECEMBER 11, 1958),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC.(TECH) LEATHER TECHNOLOGY-CALCUTTA '81; M.TECH. LEATHER TECHNOLOGY - ANNA '89.

SPECIALIZATIONS : FOOTWEAR TECHNOLOGY; FABRICATION TECHNOLOGY AND QUALITY CONTROL; WORK STUDY, PRODUCTION, PLANNING OF PRODUCT DEVELOPMENT, ETC.

EXPERIENCE : WORKS MANAGER, M/S WESBEN ENTERPRISES, CALCUTTA, 1981-84; SENIOR LEATHER TECHNOLOGIST, M/S PARK LEATHER (P) LTD., AGRA, 1984; S.T.A., CLRI, 1984-87; SCIENTIST B, CLRI SINCE DECEMBER, 1987.

PRESENT ACTIVITIES : R & D IN FOOTWEAR TECHNOLOGY; BIOMECHANICS OF SPORTS FOOTWEAR.

LANGUAGES : BENGALI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : TECH. REPORTS - 1, ARTICLES - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 3, TESTING - 2, QUALITY CONTROL - 3, PRODUCTION - 3.

3735

SHRI A DEVABALAN; (B. MARCH 20, 1965),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '87; M.TECH. FOOTWEAR SCIENCE & ENGINEERING - ANNA '89.

SPECIALIZATIONS : LEATHER TECHNOLOGY; FOOTWEAR SCIENCE AND ENGINEERING.

EXPERIENCE : MANAGEMENT TRAINING, N.B FOOTWEAR LTD, 1989; SCIENTIST B, CLRI SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : FOOTWEAR SCIENCE & ENGINEERING.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : DESIGN, R & D MANAGEMENT, TESTING, QUALITY CONTROL, MAINTENANCE, TEACHING, COMPUTER PROCESSING. (TOTAL: 4 YEARS)

3736

SHRI M C K DHANASELVAN; (B. MARCH 6, 1965),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3737

DR D DORAIRAJ; (B. DECEMBER 30, 1953),

MEDICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. BOTANY - MADRAS '73; M.B.B.S. - MADRAS '82.

SPECIALIZATIONS : MEDICINE; TROPICAL DISEASES.

EXPERIENCE : MEDICAL OFFICER (B), CLRI SINCE OCTOBER. 1986.

PRESENT ACTIVITIES : PROFESSIONAL PRACTICE; TEACHING.

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PROFESSIONAL PRACTICE - 6, TEACHING - 2.

3738

SHRI ALLAN DURAIKANNU; (B. DECEMBER 9, 1944),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - TAMILNADU '69.

SPECIALIZATIONS : E.I. LEATHERS; WATER PROOFING SOLE LEATHER; UPPER LEATHER.

EXPERIENCE : J.R.F., L.E.P.C., 1970-72; J.R.F., CLRI, 1972-74; J.S.A.. S.S.A. AND SCIENTIST A, CLRI, 1974-84; SCIENTIST B, CLRI SINCE APRIL, 1984.

PRESENT ACTIVITIES : R & D; PRODUCTION; TECHNO - ECONOMIC SURVEYS; TEACHING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - 2, ARTICLES - 1, POPULAR SCIENCE BOOKS - 15, PROCESSES DEVELOPED - 4, PROCESSES UNDER UTILISATION - 2, PRODUCT DEVELOPMENT - 1.

AWARDS & DISTINCTIONS : NRDC AWARD FOR MANUFACTURE OF A NEW E I TANNED LEATHERS OF WET SALTED GOAT, SHEEP, BUFFALOW AND COW CALF SKINS, 1975.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 15, PRODUCTION - 1, TEACHING - 5, TECHNO - ECONOMIC SURVEYS - 1.

3739

SHRI G GAUTAM; (B. DECEMBER 28, 1961),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : M.SC. PHYSICS - MADRAS '82; M.TECH. MECHANICAL ENGINEERING - INDIAN INSTITUTE OF SCIENCE, BANGALORE '87.

SPECIALIZATIONS : COMPUTER AIDED DESIGN; MATHEMATICAL MODELLING.

EXPERIENCE : COMPUTER MANAGEMENT ENGINEER, B.G.M.L., KGF, 1987-89; SCIENTIST B, CLRI SINCE APRIL, 1989.

PRESENT ACTIVITIES : COMPUTER AIDED DESIGN; MATHEMATICAL MODELLING; SOFTWARE DEVELOPMENT.

LANGUAGES : HINDI, ENGLISH, TAMIL.

PUBLICATIONS & PATENTS : RES. PAPER - 5.

PROFESIONAL EXPERIENCE (IN YEARS) : APPLIED RES. - 1, DESIGN - 3, CONSULTANCY-1, R & D MANAGEMENT - 1, TEACHING - 1, PLANNING - 2, COMPUTER PROCESSING - 3.

3740

SHRI KOLLANNAVAR GIRIYAPPA; (B. JUNE 16, 1962),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. SOCIOLOGY - KARNATAKA, DHANBAD '86.

SPECIALIZATIONS : SOCIAL PROBLEMS.

EXPERIENCE : LECTURER, PRIVATE COLLEGE, 1986-90; REGULAR RESEARCHER, KARNATAK UNIVERSITY, 1991-92; TECHNICAL OFFICER (B), CLRI, MADRAS SINCE APRIL, 1992.

PRESENT ACTIVITY : SOCIO-ECONOMIC PROJECT WORK.

LANGUAGES : KANNADA, HINDI, TAMIL, ENGLISH.

3741

SHRI T L HARIKRISHNAN; (B. MAY 5, 1955),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '76; M.E. CHEMICAL ENGINEERING - I.I.SC, BANGALORE '81.

SPECIALIZATIONS : HYDRODYNAMICS; TRANSFER OPERATIONS; MASS TRANSFER; MULTIPHASE SYSTEMS.

EXPERIENCE : CHEMICAL ENGINEER, INDUSTRIAL CONSULTANCY BUREAU (P) LTD., BOMBAY, 1981-82; TUTOR, UNIV. OF NEWCASTLE, AUSTRALIA, 1982-86; SCIENTIST B, CLRI SINCE MARCH, 1991.

PRESENT ACTIVITIES : DESIGN.

LANGUAGES : TELUGU, ENGLISH, TAMIL.

VISITED : AUSTRALIA.

PUBLICATIONS & PATENTS : RES PAPER - 2.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC RES. -8. CONSULTANCY -1. TAECHING -4.

3742

SHRI S KALIYAN; (B. APRIL 13, 1951),

DOCUMENTATION OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - MADRAS '73; B.LIB.SC. LIBRARY SCIENCE - MADRAS '76; M.L.I.S. LIBRARY AND INFORMATION SCIENCE - MADRAS '91.

SPECIALIZATIONS : DOCUMENTATION.

EXPERIENCE : J.T.A. AND SENIOR DOCUMENTATION ASSISTANT, CLRI, 1977-81; DOCUMENTATION OFFICER (B), CLRI SINCE JUNE, 1981.

3743

DR ABRAHAM KOSHY; (B. AUGUST 26, 1959),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - B.H.U. '82; M.E. CHEMICAL ENGINEERING - I.I.SC. BANGALORE '84; Ph.D CHEMICAL ENGINEERING - I.I.SC., BANGALORE '89.

SPECIALIZATIONS : MODELLING IN CHEMICAL ENGINEERING; HAZARD AND RISK ANALYSIS.

EXPERIENCE : SCIENTIST B, CLRI, MADRAS SINCE MARCH, 1989.

PRESENT ACTIVITIES : COMPUTER APPLICATIONS IN HAZARD ANALYSIS.

LANGUAGES : MALAYALAM, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 3, TECH. REPORTS - ONE CHAPTER.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 2, PILOT PLANT - 1, CONSULTANCY - 2.

3744

MISS P LATHA; (B. APRIL 25, 1962),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. PHYSICS - MADRAS '89.

SPECIALIZATIONS : DIGITAL ELECTRONICS; COMPUTER SOFTWARE.

EXPERIENCE : SCIENTIST, T.I.F.R. 1984-90; SCIENTIST B, CLRI SINCE APRIL, 1990.

PRESENT ACTIVITIES : MATHEMATICAL MODELLING, SIMULATION AND COMPUTATION.

LANGUAGES : TAMIL, SANSKRIT, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 5.

3745

SHRI S MATHIVANAN; (B. DECEMBER 14, 1965),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '87; P G DIPLOMA, FOOTWEAR SCIENCE & ENGINEERING - ANNA '88.

SPECIALIZATIONS : FOOTWEAR SCIENCE AND ENGINEERING.

EXPERIENCE : SCIENTIST B, C.L.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : EDUCATION & TRAINING.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 1, TEACHING - 1,TECHNICAL TRAINING - 1.

3746

SHRI KESHAB CHANDRA MONDAL; (B. MAY 2, 1957),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : B.SC. (TECH) LEATHER TECHNOLOGY - CALCUTTA '82.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : TECHNICAL OFFICER (B), C.L.R.I. SINCE NOVEMBER. 1990.

LANGUAGES : BENGALI, HINDI, ORIYA, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : TECH. DEV., QUALITY CONTROL AND CONSULTANCY - 3. PRODUCTION - 6, SALES MARKETING - 3.

3747

SHRI T MURUGESAN; (B. JUNE 4, 1956),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. CHEMICAL ENGINEERING - ANNAMALAI '79; M.E. CHEMICAL ENGINEERING ANNAMALAI '81; PH.D. CHEMICAL ENGINEERING - ANNAMALAI '88.

SPECIALIZATIONS : LIQUID-LIQUID EXTRACTION; MASS TRANSFER.

EXPERIENCE : TEACHING/ RESEARCH FELLOW, ANNA UNIVERSITY, MADRAS,1984-87;RESEARCH ASSOCIATE. CLRI. MADRAS, 1987-89; SCIENTIST B, C.L.R.I., SINCE MAY, 1989.

PRESENT ACTIVITIES : BASIC RESEARCH, TEACHING AND CONSULTANCY.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 3, APP. RES. - 2, PILOT PLANT - 2, CONSULTANCY - 4, TEACHING - 5.

3748

DR(MISS) LAKSHMI MUTHUSUBRAMANIUM; (B. JUNE 4, 1956),

SCIENTIST B. CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : M.SC. ORGANIC CHEMISTRY - JABALPUR '76; PH.D ORGANIC CHEMISTRY - JABALPUR '83.

SPECIALIZATIONS : ORGANIC CHEMISTRY.

EXPERIENCE : POOL OFFICER. N C L, 1986-88; POOL OFFICER, CLRI, 1988-89; SCIENTIST B. C.L.R.I. SINCE OCTOBER, 1989.

LANGUAGES : TAMIL, HINDI. ENGLISH.

VISITED : DENMARK, SWEDEN.

PUBLICATIONS & PATENTS : RES. PAPERS - 8. PATENTS FILED CURRENTLY - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RESEARCH - 10.

3749

SHRI R NARAYANAN; (B. DECEMBER 15, 1936),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

SPECIALIZATIONS : PLANNING.

EXPERIENCE : ADMINISTRATIVE ASSISTANT, CLRI, 1957-74; PROGRAMME ASSTT., S.T.A. AND TECHNICAL OFFICER (A), CLRI, 1974-89; TECHNICAL OFFICER (B), CLRI SINCE MARCH, 1989.

PRESENT ACTIVITIES : PLANNING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 18, ADMN. - 7.

3750

SHRI S NATESAN; (B. AUGUST 4, 1935),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '81.

SPECIALIZATIONS : LEATHER GOODS.

EXPERIENCE : FOREMAN, WORKS SUPERVISOR AND TECHNICAL OFFICER (A), CLRI, 1974-87; TECHNICAL OFFICER (B), CLRI SINCE NOVEMBER, 1987.

PRESENT ACTIVITIES : R & D; IMPARTING TECHNICAL KNOW-HOW TO SMALL SCALE LEATHER GOODS MANUFACTURERS, IMPARTING TRAINING TO TRAINEES SPONSORED BY VARIOUS LEATHER GOODS MANUFACTURING UNITS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5, TECH. REPORTS - 1, PROCESSES DEVELOPED - 5, PROCESSES UNDER UTILISATION - 1.

AWARDS & DISTINCTIONS : INVENTIONS PROMOTION BOARD AWARD FOR SPECIAL SURFACE EFFECTS ON FINISHED LEATHERS, 1983.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 5, CONSULTANCY - 5,TESTING - 5, QUALITY CONTROL - 5, PRODUCTION - 10, TEACHING - 10, TECHNO - ECONOMIC SURVEYS - 5, PLANNING - 5, TECHNOLOGY TRANSFER - 5, SALES MARKETING - 10, ADMN. - 5.

3751

SHRI V K PARTHASARATHY; (B. APRIL 3, 1938),

INDUSTRIAL LIAISON OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. POLITICAL SCIENCE - MYSORE '81.

SPECIALIZATIONS : EXTENSION WORK; INFORMATION DISSEMINATION; PUBLIC RELATIONS.

EXPERIENCE : J.T.A., S.T.A. AND SCIENTIST A, CLRI, 1965-81; INDUSTRIAL LIAISON OFFICER (B), CLRI SINCE FEBRUARY, 1981.

PRESENT ACTIVITIES : INFORMATION DISSEMINATION, LIAISON; EXTENSION; PUBLIC RELATIONS.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TESTING, QUALITY CONTROL, ADMN., EXTENSION, INFORMATION DISSEMINATION, LIAISON AND PUBLIC RELATIONS (TOTAL : 24YEARS).

3752

SHRI B L PATHAK; (B. JULY 1, 1947),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - GOVT. LEATHER INSTITUTE , KANPUR '69.

SPECIALIZATIONS : QUALITY CONTROL AND STANDARDIZATION; LEATHER TECHNOLOGY.

EXPERIENCE : S.L.A., J.S.A., S.T.A. AND TECHNICAL OFFICER (A), C.L.R.I., KANPUR, 1974-89; TECHNICAL OFFICER (B), C.L.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : QUALITY CONTOL AND STANDARDISATION IN LEATHER MANUFACTURE.

LANGUAGES : HINDI, SANSKRIT, ENGLISH.

PUBLICATIONS PATENTS : TECH. REPORTS - 10.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 3, TECH. DEV. - 4, CONSULTANCY - 2, TESTING - 10, QUALITY CONTROL - 5.

3753

SHRI R PRABHU; (B. MAY 20, 1962),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '86; M.TECH. LEATHER TECHNOLOGY - ANNA '88.

SPECIALIZATIONS : LEATHER TECHNOLOGY; POLYMER CHEMISTRY.

EXPERIENCE : S.R.F., C.L.R.I., 1988-89; SCIENTIST B, C.L.R.I. SINCE OCTOBER, 1989.

PRESENT ACTIVITIES : R & D IN LEATHER CHEMICALS.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 9

PROFESIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 6, APPLIED RES. - 6, TESTING - 2, QUALITY CONTROL - 2, TEACHING - 2

3754

SHRI P PUSHPANATHAN; (B. JUNE 1, 1949),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN MECHANICAL ENGINEERING '74;B.E. MECHANICAL - ANNA '85.

SPECIALIZATIONS : DESIGN; LEATHER TRADES ENGINEERING.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST A, CLRI, 1975-88; TECHNICAL OFFICER (B), C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : R & D; PILOT PLANT; CONSULTANCY; TEACHING.

LANGUAGES : TAMIL, HINDI, KANNADA, TELUGU, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 5, APP. RES.- 12, DESIGN - 12, MAINTENANCE - 9, TEACHING - 9, COMPUTER PROCESSING - 3.

3755

SHRI P R RAGHAVENDRAN; (B. FEBRUARY 26, 1936),

DOCUMENTATION OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. MATHEMATICS - MADRAS '63; M.L.I.S. LIBRARY AND INFORMATION SCIENCE - MADRAS '84.

SPECIALIZATIONS : LIBRARY SCIENCE; DOCUMENTATION.

EXPERIENCE : J.S.A. AND S.S.A., CLRI, 1971-80; DUCUMENTATION OFFICER (B), CLRI SINCE JUNE, 1980.

PRESENT ACTIVITIES : LIBRARY MANAGEMENT; DOCUMENTATION.

LANGUAGES : MARATHI, TAMIL, KANNADA, SANSKRIT, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 2, BIBLIOGRAPHIES - 10.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 9, LIBRARY MANAGEMENT - 10.

3756

SHRI C LAJAPATHI RAI; (B. NOVEMBER 13, 1967),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. MECHANICAL ENGINEERING - MADURAI KAMARAJ '89.

SPECIALIZATIONS : SYSTEMS ENGINEERING; HEAT AND MASS TRANSFER; AUTOMOBILE ENGINEERING.

EXPERIENCE : SCIEINTIST B, C.L.R.I. SINCE APRIL, 1990.

PRESENT ACTIVITIES : APPLIED RESEARCH, MAINTENANCE, TESTING, OPERATIONS.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 1, DESIGN - 1, OPERATION - 1 TESTING - 1, MAINTENANCE - 1.

3757

DR P RAJALINGAM; (B. MAY 29, 1958),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI KAMARAJ '78; M.SC. CHEMISTRY - MADURAI KAMARAJ '81; PH.D. ORGANIC CHEMISTRY - ANNA '85.

SPECIALIZATIONS : SYNTHESIS AND CHARACTERIZATION OF POLYMERS; POLYMER COMPOSITES; SYNTHETIC SOLES.

EXPERIENCE : RESEARCH ASSOCIATE, I.I.SC., BANGALORE, 1985-86; SCIENTIST B, CLRI SINCE SEPTEMBER, 1986.

PRESENT ACTIVITIES : RESEARCH AND TEACHING.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 55, PATENTS FILED - 1, PATENTS UNDER PREPARATION - 4, PAPER PRESENTED - 10, BOOKS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 10, APP. RES. - 6, TEACHING -4.

3758

MRS K RAJAM; (B. FEBRUARY 17, 1937),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : MATRICULATION - TAMILNADU '53.

SPECIALIZATIONS : LEATHER GOODS.

EXPERIENCE : L.D.C., STENOTYPIST AND U.D.C., CLRI, 1959-75; PROGRAMME ASSISTANT, S.T.A. AND TECHNICAL OFFICER (A), CLRI, 1975-90; TECHNICAL OFFICER (B), CLRI SINCE MARCH, 1990.

PRESENT ACTIVITIES : LEATHER GOODS INVENTORY CONTROL.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 15, ADMN. - 16.

3759

SHRI S RAMALINGAM; (B. MAY 14, 1951),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - TAMILNADU '73.

SPECIALIZATIONS : LEATHER MANUFACTURING; TECHNOLOGY TRANSFER; CONSULTANCY IN LEATHER TECHNOLOGY; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : TECHNICIAN, REPTILE & CHROME TANNERY, CALCUTTA, 1973-74; J.S.A., S.S.A. AND SCIENTIST A, CLRI, 1974-89; SCIENTIST B, CLRI SINCE APRIL, 1989.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 12, PROCESSES DEVELOPED - 6, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES.- 14, TECH. DEV.- 7, CONSULTANCY - 10, TEACHING - 7, TECHNO - ECONOMIC SURVEYS - 3, TECHNOLOGY TRANSFER - 7, EXTENSION - 4.

3760

SHRI T M R RAMAN; (B. SEPTEMBER 20, 1943),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : L.C.E. CIVIL ENGINEERING - TAMIL NADU '66.

SPECIALIZATIONS : BUILDING CONSTRUCTION AND MAINTENANCE.

EXPERIENCE : WORKS MISTRY, SERC, 1969-70; OVERSEER/J.E., CSIR, 1970-72; OVERSEER/J.E., J.E. GR II, ASSISTANT ENGINEER AND ASSISTANT EXECUTIVE ENGINEER, CLRI, 1972-88; TECHNICAL OFFICER (B), CLRI SINCE APRIL, 1988.

PRESENT ACTIVITIES : CONSTRUCTION. LANGUAGES: TAMIL, TELUGU, KANNADA, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : CONSTRUCTION - 28.

3761

SHRI D RAMANUJULU; (B. MARCH 9, 1936),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.A. POLITICAL SCIENCE - MYSORE '81; DIPLOMA IN BUSINESS MANAGEMENT - JAIN INSTITUTE, MADRAS '82.

SPECIALIZATIONS : MANPOWER PLANNING; LIAISON AND MONITORING; BUDGETING.

EXPERIENCE : LABORATORY SUPERVISOR, S.T.A. AND TECHNICAL OFFICER (A), CLRI, 1974-88; TECHNICAL OFFICER (B), CLRI SINCE APRIL, 1988.

PRESENT ACTIVITIES : MANPOWER PLANNING AND LIAISON.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : PLANNING - 5, ADMN. '- 18, TRANSPORT AND GUEST HOUSE MANAGEMENT - 9.

3762

DR(MISS) LAKSHMI RANGACHARI; (B. OCTOBER 16, 1951),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. MATHEMATICS - POONA '73; M.SC. BIOMETRY - POONA '76; PH.D. STATISTICS - IOWA STATE UNIVERSITY, U.S.A. '82.

SPECIALIZATIONS : STATISTICS (EXPERIMENTAL DESIGN); SAFETY AND RISK ANALYSIS.

EXPERIENCE : RESEARCH STATISTICIANS, SCHERING PLOUGH CORPORATION, U.S.A., 1982-84; CSIR POOL OFFICER, I.S.I., MADRAS, 1985-86 AND C.L.R.I., MADRAS, 1986-88; SCIENTIST B, C.L.R.I. SINCE JANUARY, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH

LANGUAGES : TAMIL, HINDI, ENGLISH, FRENCH, GERMAN.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : TECH. REPORTS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 7, CONSULTANCY - 4, TEACHING - 5.

3763

SHRI M SUBBA RAO; (B. MARCH 10, 1946),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - DIRECTOR OF TECHNICAL EDUCATION MADRAS '66.

SPECIALIZATIONS : LEATHER TECHNOLOGY; EXTENTION WORK; TECHNOLOGY TRANSFER; TROUBLESHOOTING.

EXPERIENCE : TECHNICIAN, DIFFERENT PRIVATE TANNARY, 1966-73; J.R.F., J.S.A., S.S.A. AND SCIENTIST A, C.L.R.I., 1973-90; SCIENTIST B, CLRI SINCE DECEMBER, 1990.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 14, PROCESSES UNDER UTILISATION - - 14.

PROFESSIONAL EXPPERIENCE (IN YEARS) : APP. RES. - 21.

3764

SHRI V RATHINASAMY; (B. SEPTEMBER 10, 1948),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER PROCESSING - TAMILNADU '73.

SPECIALIZATIONS : LEATHER PROCESSING; TECHNOLOGY TRANSFER; CONSULTANCY IN LEATHER TECHNOLOGY; TECHNO ECONOMIC SURVEYS.

EXPERIENCE : J.S.A., S.S.A. AND SCIENTIST A, C.L.R.I., 1974-89; SCIENTIST B, C.L.R.I. SINCE DECEMBER, 1989.

PRESENT ACTIVITIES : R & D; TRAINING AND EXTENSION.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 14, PROCESSES DEVELOPED - 8, PROCESSES UNDER UTILISATION - 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : APP. RES. - 14, TECH. DEVT.- 7, CONSULTANCY - 6, TESTING - 7, TEACHING - 6, TECHNO - ECONOMIC SURVEYS - 3, TECHNOLOGY TRANSFER - 7, EXTENSION - 7.

3765

SHRI E RAVINDRANATH; (B. OCTOBER 18, 1955),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CIVIL ENGINEERING - J.N.T.U. '77; M.E. PUBLIC HEALTH ENGINEERING - MADRAS '79; M.S. STRUCTURAL ENGINEERING - SOUTH DAKOTA STATE UNIVERSITY, U.S.A. '83.

SPECIALIZATIONS : PUBLIC HEALTH ENGINEERING; STRUCTURAL ENGINEERING.

EXPERIENCE : ASSTT. ENGINEER, M.M.W.S.S.B., MADRAS, 1979-81; S.S.A., N.E.E.R.I., NAGPUR, 1981; TEACHING ASSISTANT, S.D.S. UNIVERSITY, U.S.A., 1981-83; ENGINEER-IN-CHARGE, COROMANDEL ENGG. CO., MADRAS, 1983-86; SCIENTIST B, C.L.R.I. SINCE FEBRUARY, 1987.

PRESENT ACTIVITIES : CONSULTANCY AND RESEARCH.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

VISITED : U.S.A.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 4, APP. RES. - 4, DESIGN - 3, PILOT PLANT - 2, CONSULTANCY - 3, CONSTRUCTION - 3, MAINTENANCE - 2, TEACHING - 1, PLANNING - 3.

3766

SHRI C ROSE; (B. SEPTEMBER 19, 1956),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '76; M.SC. BIOCHEMISTRY - MADRAS '79; PH.D. BIOCHEMISTRY - MADRAS '90.

SPECIALIZATIONS : COLLAGEN CHEMISTRY; ANIMAL WASTES.

CHEMICAL TESTER, ENNORE THERMAL POWER STATION, MADRAS, 1980; POST GRADUATE TEACHER, GOVT. HR. SEC. SCHOOL, KADAMBATTUR, 1980-82; J.R.F. AND SCIENTIST A, C.L.R.I., 1982-84; SCIENTIST B, CLRI SINCE SEPTEMBER, 1984.

PRESENT ACTIVITIES : RESEARCH ON UTILISATION OF ANIMAL BYPRODUCTS.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES.PAPERS - 3.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 4, TEACHING - 2, TECHNOLOGY TRANSFER - 1.

3767

SHRI M D SADIQ; (B. MAY 3, 1966),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '86.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : TECHNICAL SALES OFFICER, HICO PRODUCTS LTD., 1986-89; SCIENTIST B, CLRI SINCE 1989.

LANGUAGES : URDU, ENGLISH, TAMIL, HINDI.

PROFESSIONAL EXPERIENCE(IN YEARS) : SALES MARKETING - 4.

3768

SHRI P SARAVANAN; (B. MARCH 3, 1966),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '87

SPECIALISATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : TECHNOLOGIST, M/S MAYPAR LEATHER MFG. CO., 1987-88; J.T.A., C.L.R.I., 1988-89; SCIENTIST B, CLRI SINCE SEPTEMBER, 1989.

PRESENT ACTIVITY : RESEARCH & DEVELOPMENT

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : PROCESSES DEVELOPED - 1, PATENTS TAKEN - 1, ARTICLES-1.

PROFESIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 3, APP. RES. - 2, TESTING - 2, QUALITY CANTROL - 2, PRODUCTION - 1, IND. MGMT. - 1.

3769

MRS A SASIREKA; (B. NOVEMBER 4, 1946),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN ELECTRONICS ENGINEERING - TAMILNADU '65; B.A.- DELHI '73; A.M.I.E.(I) '88.

SPECIALIZATIONS : ELECTRONIC INSTRUMENTATION; SCIENTIFIC INSTRUMENTATION.

EXPERIENCE : APPRENTICE, C.L.R.I., 1966-68; S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.L.R.I., 1968-88; TECHNICAL OFFICER (B), C.L.R.I. SINCE APRIL, 1988.

PRESENT ACTIVITIES : INSTRUMENTATION.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV.- 22, MAINTENANCE - 22.

3770

SHRI V A SHANMUGASUNDARAM; (B. JULY 1, 1941),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3771

SHRI J V ALEXANDER RAJA SINGH; (B. MARCH 31, 1956),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSITUTE.

QUALIFICATIONS : B.SC. - MADURAI '77; B.E. FIRE ENGINEERING - NAGPUR '81; DIPLOMA INDUSTRIAL SAFETY - GOVT OF TAMILNADU '86.

EXPERIENCE : SAFETY ENGINEER, I.S.R.O., 1982-86; DY. MANAGER, ASIA PEROXID LTD, SULTANPETA, 1986-88; MANAGER, FIRE & SAFETY, CETEX PETROCHEMICALS, MADRAS, 1988-91; TECHNICAL OFFICER (B), CLRI SINCE MARCH, 1991.

PRESENT ACTIVITIES : SAFETY AND RISK ANALYSIS.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE (IN YEARS) : OPERATION - 8.

3772

DR V SRIDHAR; (B. JULY 30, 1961),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC CHEMISTRY - I.I.T., MADRAS '83; PH.D. ORGANIC CHEMISTRY - CHICAGO, U.S.A. '88.

SPECIALIZATIONS : SYNTHETIC ORGANIC CHEMISTRY; PHYSICAL ORGANIC CHEMISTRY; LEATHER CHEMICALS (TANNING AGENTS) - SYNTHETIC & NATURAL.

EXPERIENCE : POST DOCTOTAL FELLOW, PHYSICAL ORGANIC CHEMISTRY, COLUMBIA UNIV., NEWYORK, 1989; SCIENTIST B. C.L.R.I. SINCE FEBRUARY, 1990.

PRESENT ACTIVITIES : APPLIED RESEARCH

LANGUAGES : KANNADA, TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 4

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 1.

3773

SHRI M R SRIDHARAN; (B. JULY 30, 1958),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - I.I.T., MADRAS '80; M.S. CHEMICAL ENGINEERING - UNIVERSITY OF HOUSTON, U.S.A. '84.

SPECIALIZATIONS : DESIGN; MASS TRANSFER; HEAT TRANSFER; KINETICS.

EXPERIENCE : POOL OFFICER (CSIR), I.I.T., MADRAS, 1985-86; SCIENTIST B, CLRI SINCE DECEMBER, 1986.

PRESENT ACTIVITIES : R & D.

LANGUAGES : TAMIL, SANSKRIT, HINDI, ENGLISH, FRENCH.

VISITED : U.S.A.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 3, DESIGN - 6.

3774

SHRI B SRIDHARNATH; (B. JUNE 1, 1949),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - TAMILNADU '71.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : TECHNICIAN, M/S SREENIVAS & CO., MADRAS, 1973-76; S.S.A. AND SCIENTIST A, CLRI, 1976-86; SCIENTIST B, CLRI SINCE OCTOBER, 1986.

PRESENT ACTIVITIES : TECHNICAL DEVELOPMENT.

LANGUAGES : TELUGU, TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS,- 4.

PROFESSIONAL EXPERIENCE(IN YEARS) : TECH. DEV., TECHNOLOGY TRANSFER, SALES MARKETING (TOTAL : 12 YEARS).

3775

DR(MRS) MALATHI SRINIVASAN; (B. JANUARY 30, 1952),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '73; M.SC. BIOCHEMISTRY - MADRAS '75; PH.D. BIOCHEMISTRY - MADRAS '79.

SPECIALIZATIONS : BIOTECHNOLOGY; MOLECULAR BIOLOGY; MICROBIAL GENETICS.

EXPERIENCE : POST - DOCTORAL RESEARCH FELLOW, UNIVERSITIES OF MISSOURI, WISCONSIN AND VIRGINIA, U.S.A., 1980-82; POOL OFFICER (CSIR), A.C. COLLEGE OF TECHNOLOGY, MADRAS, 1983-86; RESEARCH ASSOCIATE, CLRI, 1986-87; SCIENTIST B, CLRI SINCE SEPTEMBER, 1987. PRESENT ACTIVITIES: R & D.

LANGUAGES : TAMIL, ENGLISH.

VISITED : U.S.A.

PUBLICATIONS & PATENTS : RES. PAPERS - 16, PATENT FILED - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 8, APP. RES. - 2.

3776

SHRI S L SRIVASTAVA; (B. JULY 1, 1942),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - GOVERNMENT LEATHER INSTITUTE, KANPUR '63.

SPECIALIZATIONS : LEATHER MANUFATURING.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND SCIENTIST A, C.L.R.I., 1968-89; SCIENTIST B, C.L.R.I. SINCE APRIL, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH, TRANSFER OF TECHNOLOGY AND EXTENSION.

LANGUAGES : HINDI, GUJARATI, ENGLISH.

PUBLICATIONS & PATENTS : ARTICLES - 2, OTHERS - 13.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES., TECHNOLOGY-TRANSFER, EXTENSION - (TOTAL:24 YEARS)

3777

SHRI L SUBRAMANIAN; (B. MARCH 18, 1942),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : LICENTIATE IN MECHANICAL ENGINEERING, 1963; DIPLOMA IN TOOL DESIGN '71.

SPECIALIZATIONS : TECHNOLOGY TRANSFER.

EXPERIENCE : S.L.A., J.S.A., S.S.A. AND TECHNICAL OFFICER (A), CLRI, 1966-88; TECHNICAL OFFICER (B), CLRI SINCE APRIL, 1988.

PRESENT ACTIVITIES : TECHNOLOGY TRANSFER; CONSULTANCY; DESIGN & MAINTENANCE.

LANGUAGES : TAMIL, TELUGU, HINDI, MALAYALAM, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 24, CONSTRUCTION - 2, MAINTENANCE - 20, TEACHING - 6, TECHNO - ECONOMIC SURVEYS - 1, EXTENSION - 12.

3778

SHRI R SUNDARAM; (B. APRIL 29, 1942),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : ELECTRICAL TRADE CERTIFICATE - I.T.I. '61.

SPECIALIZATIONS : PILOT PLANT.

EXPERIENCE : S.L.A., J.T.A., S.T.A. AND TECHNICAL OFFICER (A), CLRI, 1965-88; TECHNICAL OFFICER (B), CLRI SINCE APRIL, 1988.

PRESENT ACTIVITIES : PILOT PLANT.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 4, TECH. REPORTS - 2, PROCESSES DEVELOPED - 15, PROCESSES UNDER UTILISATION - 15.

PROFESSIONAL EXPERIENCE(IN YEARS) : PILOT PLANT - 28 YEARS.

3779

SHRI R SUTHANTHARARAJAN; (B. JULY 30, 1962),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC ENVIRONMENTAL SCIENCE & MANAGEMENT - MADRAS '84.

SPECIALIZATIONS : INDUSTRIAL WASTE CHARACTERISATION & TREATMENT, RECOVERY & REUSE.

EXPERIENCE : PROJECT ASSOCIATE, C.L.R.I., 1984-89; SCIENTIST B, C.L.R.I. SINCE NOVEMBER, 1989.

PRESENT ACTIVITIES : R & D, COSULTANCY, TREATABILITY AND PILOT PLANT STUDIES.

LANGUAGES : TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1, TECH. REPORTS - 12.

PROFESSIONAL EXPERIENCE(IN YEARS) : BASIC RES. - 6, APP. RES. - 6, PILOT PLANT - 2, CONSULTANCY - 6, TESTING - 6.

3780

SHRI B THANGARAJ; (B. MARCH 5, 1958),

TECHNICAL OFFICER (B), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.E. ELECTRICAL & ELECTRONICS - MADRAS '81.

SPECIALIZATIONS : ENERGY AUDIT AND ENERGY CONSERVATION.

EXPERIENCE : ASSISTANT ENGINEER, INDIAN ORGANIC CHEMICALS LTD., MADRAS, 1981-83; ENGINEER, BEST & CROMPTON ENGG. LTD., MADRAS, 1983-86; TECHNICAL OFFICER (B), C.L.R.I. SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : MAINTENANCE OF ELECTRICAL EQUIPMENTS; CONSULTANCY.

LANGUAGES : TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : CONSULTANCY - 3, MAINTENANCE - 5.

3781

SHRI R THIAGU; (B. JUNE 26, 1958),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3782

MISS G VELAMALLESWARI; (B. APRIL 10, 1964),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC NUCLEAR PHYSICS - MADRAS '86.

EXPERIENCE : TECHNICAL ASSISTANT, C.L.R.I., 1987-89; SCIENTIST B, C.L.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : APPLIED RESEARCH

LANGUAGES : TAMIL, TELUGU, HINDI, ENGLISH.

PROFESIONAL EXPERIENCE (IN YEARS) : APP. RES. - 2, DESIGN - 2, CONSULTANCY - 2, COMPUTER PROCESSING - 2.

3783

SHRI K C VELAPPAN; (B. JUNE 10, 1966),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGINEERING - ANNA '87; HIGHER LEVEL DIPLOMA, SCIENCE & TECHNOLOGY, B.I.T.S. '90.

SPECIALIZATIONS : PROCESS DEVELOPMENT (CHEMICAL); CHEMICAL PLANT DESIGN; PROCESS EQUIPMENT DESIGN.

EXPERIENCE : MANUFACTURING CHEMIST, SUGAR PLANT, 1988; SCIENTIST B, CLRI SINCE DECEMBER, 1988.

PRESENT ACTIVITIES : PROCESS DEVELOPMENT & PLANT DESIGN.

LANGUAGES : TAMIL, ENGLISH.

PUBICATIONS & PATENTS : TECH. REPORTS - 1, PROCESSES DEVELOPED - 2, PROCESSES UNDER UTILISATION - 3.

PROFESIONAL EXPERIENCE (IN YEARS) : APP. RES. - 2, DESIGN - 2, TECH. DEVT. - 2, PILOT PLANT - 2, CONSULTANCY, TECHNOLOGY TRANSFER - 2.

3784

MISS R VENBA; (B. AUGUST 14, 1968),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. LEATHER TECHNOLOGY - ANNA '89.

EXPERIENCE : SCIENTIST B, C.L.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT

LANGUAGES : TAMIL, ENGLISH.

PROFESIONAL EXPERIENCE (IN YEARS) : BASIC RES. - 1, APP. RES. - 1, TESTING - 1.

3785

DR G S VENKATARATNAM; (B. OCTOBER 20, 1958),

SCIENTIST B, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.TECH. CHEMICAL ENGG. - KAKATIYA '80; M.TECH. CHEMICAL ENGG. - KAKATIYA '83; PH.D. CHEMICAL ENGG. - I.I.T., MADRAS '91.

SPECIALIZATIONS : MASS TRANSFER; REACTION ENGINEERING; FLUID FLOWS.

EXPERIENCE : SCIENTIST B, C.L.R.I. SINCE NOVEMBER, 1990.

PRESENT ACTIVITIES : BASIC AND APPLIED RESEARCH.

LANGUAGES : TELUGU, HINDI, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 6.

PROFESSIONAL EXPERIENCE (IN YEARS) : BASIC AND APPLIED RESEARCH - 7.

3786

MRS B ANNAPURANI; (B. JANUARY 13, 1950),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. STATISTICS - NAGPUR '70; M.L.I.S. LIBRARY & INFORMATION SCIENCE - MADRAS '91.

SPECIALIZATIONS : COMPUTER PROGRAMMING; ABSTRACTING AND INDEXING.

EXPERIENCE : COMPUTER AND J.T.A., INDIAN BUREAU OF MINES, 1971-79; J.T.A., C.L.R.I., 1979-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE APRIL, 1989.

LANGUAGES : TAMIL, HINDI, MARATHI, ENGLISH.

3787

SHRI K CHANDRASEKARAN; (B. OCTOBER 10, 1954),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.A. - MADRAS '66; B.LIB. LIBRARY SCIENCE - MADRAS '68; M.A. POLITICAL SCIENCE - MADRAS '74: ASSOCIATESHIP IN DOCUMENTATION - D.R.T.C., BANGALORE '76.

SPECIALIZATIONS : DOCUMENTATION AND INFORMATION SCIENCE.

EXPERIENCE : J.S.A. AND S.S.A., C.L.R.I., 1969-89; TECHNICAL OFFICER (A), CLRI SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : COMPILATION OF BIBLIOGRAPHY; ABSTRACTING AND INDEXING OF PERIODICALS.

LANGUAGES : TAMIL, ENGLISH, FRENCH.

PUBLICATIONS & PATENTS : RES. PAPERS - 8.

PROFESSIONAL EXPERIENCE(IN YEARS) : DOCUMENTATION - 13.

3788

SHRI P CHANDRASEKHARAN; (B. JULY 6, 1938),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN MECHNICAL ENGINEERING - INDAIN AIR FORCE '60.

EXPERIENCE : SENIOR NON-COMMISSIONED OFFICER, INDIAN AIRFORCE, 1957-73; WATCH & WARD ASSTT. AND LAB. SUPERVISOR, C.L.R.I., 1975-90; TECHNICAL OFFICER (A), C.L.R.I. SINCE SEPTEMBER, 1990.

PRESENT ACTIVITIES : LABORATORY MAINTENANCE.

LANGUAGES : MALAYALAM, HINDI, TAMIL, ENGLISH.

VISITED : U.S.S.R.

AWARDS & DISTINCTIONS : RAKSHA MEDAL, INDIAN AIR FORCE, 1965; SAMMER SEVA MEDAL. INDIAN AIR FORCE, 1972; PACHAMI STAR SANGRAM MEDAL. INDIAN AIR FORCE, 1969-71.

PROFESIONAL EXPERIENCE (IN YEARS) : TECHNICAL DEV. - 15. TEACHING - 4, SECURITY MANAGEMENT - 12.

3789

SHRI G K DAS; (B. NOVEMBER 26, 1952),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. (TECH.) LEATHER TECHNOLOGY - CALCUTTA '75; M.PHIL. ENVIRONMENTAL SCIENCES - JADAVPUR '90.

SPECIALIZATIONS : LEATHER GOODS MANUFACTURING.

EXPERIENCE : S.T.A., C.L.R.I., 1984-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : EXTENSION, HUMAN RESOURCE & DEVELOPMENT.

LANGUAGES : BENGALI, HINDI, ENGLISH.

VISITED : FRANCE.

PUBLICATIONS & PATENTS : ARTICLES - 2.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 9, TESTING - 2, QUALITY CONTROL - 9, TECHNO-ECONOMIC SURVEY - 1, TECH. TRANSFER - 9, EXTENSION - 9.

3790

SHRI P GEETHA; (B. JULY 15, 1953),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN INSTRUMENT TECHNOLOGY - MADRAS '72; A M I E ELECTRONICS - INSTITUTION OF ENGINEERS, (INDIA) '88.

SPECIALIZATIONS : INSTRUMENTATION.

EXPERIENCE : SUPERVISOR, SOUTHERN INSTRUMENTS (PRIVATE LTD), 1972-75; S.L.A. AND J.T.A., N.A.L., BANGALORE, 1975-84; S.T.A., C.L.R.I., 1984-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE JULY, 1989.

PRESENT ACTIVITIES : INSTRUMENT SERVICING. LANGUAGES: TAMIL, ENGLISH.

3791

SHRI JAGDISH GUPTA; (B. OCTOBER 8, 1953),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - UTTAR PRADESH '76.

SPECIALIZATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : ASSISTANT TANNERS, M/S SULTAN TANNERY INDUSTRY, 1976-78; TANNER, M/S JAJ MAU TANNERIES, 1978-80; LEATHER TECHNOLOGIST, STERLING HIDE AND SKIN, 1980-81; LEATHER TECHNOLOGIST, WASON & CO., 1981-84; S.T.A., C.L.R.I., 1984-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : CONSULTANCY SERVICES.

LANGUAGES : HINDI, ENGLISH.

3792

DR V HARIBABU; (B. APRIL 27, 1953),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADURAI '73; A.I.C. LEATHER & OILS & FATS - INSTITUTION OF CHEMISTS, INDIA '79; PH.D. ORGANIC CHEMISTRY - PATNA '86.

SPECIALIZATIONS : AUXILIARY CHEMICALS FOR LEATHER.

EXPERIENCE : GRADUATE TRAINEE, S.L.A., J.T.A. AND S.T.A, C.L.R.I., 1974-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : RESEARCH & DEVELOPMENT IN LEATHER PORCESSING, FINISHING AND ALLIED FIELDS.

3793

MRS M KANTHIMATHI; (B. FEBRUARY 4, 1948),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. CHEMISTRY - MADRAS '85.

SPECIALIZATIONS : COORDINATION CHEMISTRY; PHOTOCHEMISTRY.

EXPERIENCE : JUNIOR CATALOGUER, S.L.A., J.T.A. AND S.T.A., C.L.R.I., 1978-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE FEBRUARY, 1989.

PRESENT ACTIVITIES : BASIC RESEARCH.

3794

SHRI K KRISHNAMURTHY; (B. MARCH 15, 1947),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS

QUALIFICATIONS : LICENTIATE IN PRINTING TECHNOLOGY - TAMILNADU '69; P.G. DIP. IN JOURNALISM - BHAVAN'S COLLEGE OF MASS COMMUNICATION '81; M.A. HISTORY - MADRAS '87.

SPECIALIZATIONS : PRINTING; JOURNALISM.

EXPERIENCE : APPRENTICE AND OFFICE INCHARGE, M/S. SANKAR PRINTERS, VELECHERY, MADRAS 1963-76; J.T.A. AND S.T.A. C.L.R.I., 1976-86; TECHNICAL OFFICER (A), C.L.R.I. SINCE MAY, 1986.

PRESENT ACTIVITIES : PRINTING.

LANGUAGES : TAMIL, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 1.

PROFESSIONAL EXPERIENCE(IN YEARS) : PRINTING - 20.

3795

SHRI P KRISHNIAH; (B. JULY 12, 1952),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - I.L.T., MADRAS '74.

SPECIALISATIONS : LEATHER TECHNOLOGY.

EXPERIENCE : S.L.A., TECHNICAL ASSISTANT AND S.T.A., C.L.R.I., 1978-89; TECHNICAL OFFICER (A). C.L.R.I. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : TESTING & EVALUATION.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 20, PROCESSES DEVELOPED - 6, PATENTS TAKEN - 5, PROCESS UNDER UTILISATION - 6.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES. - 15, TESTING - 15, TEACHING 15.

3796

SHRI SAKKATAR LAL; (B. NOVEMBER 15, 1952),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - CHANDIGARH '81.

SPECIALIZATIONS : LEATHER PROCESSING.

EXPERIENCE : APPRENTICE AND SUPERVISOR. PUNJAB TANNERIES LTD., JALANDHAR, 1981-84; SENIOR TECHNICAL ASSISTANT, C.L.R.I., JALANDHAR, 1984-89; TECHNICAL OFFICER (A), C.L.R.I., JALANDHAR SINCE AUGUST, 1989.

PRESENT ACTIVITIES : TECHNICAL ASSISTANCE.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

3797

MRS R MEENAKSHI; (B. SEPTEMBER 11, 1946),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : M.SC. MATHEMATICS - MADRAS '68; DIPLOMA IN COMPUTER PROGRAMMING - I.I.T., MADRAS '77.

SPECIALIZATIONS : COMPUTER PROGRAMMING.

EXPERIENCE : TECHNICAL ASSISTANT. BOARD OF REVENUE, GOVT. OF TAMILNADU, 1971-75; APPRENTICE PROGRAMMER AND PROGRAMING ASSISTANT, I.I.T., MADRAS, 1975-80; S.T.A., C.L.R.I., 1980-88; TECHNICAL OFFICER (A), C.L.R.I. SINCE JUNE, 1988.

PRESENT ACTIVITIES : LIBRARY AUTOMATION; ACQUISITION OF BOOKS & JOURNALS.

3798

DR M D NARESH; (B. MAY 4, 1954),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3799

SHRI RAMESH PAL; (B. NOVEMBER 17, 1954),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - STATE BOARD OF TECHNICAL EDUC., PUNJAB '74; M.A. ECONOMICS - GURU NANAK DEV, AMRITSAR '92.

SPECIALIZATIONS : SPORTS GOODS LEATHER; LIGHT LEATHERS; INDUSTRIAL LEATHER.

EXPERIENCE : J.S.A. AND S.T.A., C.L.R.I., 1981-89; TECHNICAL OFFICER (A). C.L.R.I. SINCE MARCH, 1989.

PRESENT ACTIVITIES : R & D IN EXTENSION.

LANGUAGES : PUNJABI, HINDI, ENGLISH.

PUBLICATIONS & PATENTS : RES. PAPERS - 5.

PROFESSIONAL EXPERIENCE (IN YEARS) : APP. RES., CONSULTANCY AND EXTENSION - (TOTAL: 18 YEARS)

3800

MISS V PRATHIBA; (B. FEBRUARY 28, 1953),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. CHEMISTRY - MADRAS '74; M.SC. CHEMISTRY - MADRAS '82.

SPECIALIZATIONS : COLLAGEN CHEMISTRY; TISSUE CULTURE; MOLECULAR BIOLOGY.

EXPERIENCE : TECHNICAL OFFICER (A), C.L.R.I. SINCE FEBRUARY, 1989.

3801

SHRI B THANGA RAJ; (B. MARCH 5, 1958),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3802

DR R RAJARAMAN; (B. MARCH 24, 1950),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3803

SHRI P PADMANABHA RAO; (B. MARCH 28, 1946),

SCIENTIST A, CENTRAL LEATHER RESEARCH INSTITUTE. MADRAS.

QUALIFICATIONS : DIPLOMA IN MECHNICAL ENGINEERING - TAMILNADU '66; B.A. ADMINISTRATION - OSMANIA '79. CITY AND GUILDS OPERATIVE CERTIFICATE IN FLOUR MILLING MACHINES MAINTENANCE.

SPECIALIZATIONS : MECHANICAL ENGINEERING.

EXPERIENCE : J.S.A. AND S.S.A., C.L.R.I., 1976-86; SCIENTIST A, C.L.R.I. SINCE NOVEMBER, 1986.

PRESENT ACTIVITIES : MECHANICAL DRAWING; MAINTENANCE.

LANGUAGES : TELUGU, TAMIL, ENGLISH.

PROFESSIONAL EXPERIENCE(IN YEARS) : DESIGN - 10, PILOT PLANT - 2, MAINTENANCE - 5.

3804

SHRI P NEELAKANTA REDDY; (B. OCTOBER 10, 1950),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3805

DR T P SASTRY; (B. OCTOBER 10, 1956),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : B.SC. - S.V. UNIV. '75; M.SC. CHEMISTRY - MADRAS '82; PH.D. CHEMISTRY - MADRAS '91.

SPECIALIZATIONS : BIOMATERIALS; WOUND HEALING MATERIALS; OSTEOINDUCTIVE MATERIALS (FRACTURE HEALING MATERIALS).

EXPERIENCE : J.L.A., S.L.A. AND S.T.A., C.L.R.I., 1979-89; TECHNICAL OFFICER (A), C.L.R.I. SINCE AUGUST, 1989.

PRESENT ACTIVITIES : PROJECT CO-INVESTIGATOR IN A DBT BIOMATERIAL PROJECT.

LANGUAGES : TELUGU, TAMIL, HINDI.

3806

SHRI K A SHANMUGHASUNDARAM; (B. APRIL 7, 1950),

SCIENTIST A, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECHNOLOGY - TAMIL NADU '71; B.SC. CHEMISTRY - MADRAS '81; P.G. DIPLOMA IN ENVIRONMENTAL MANAGEMENT - MADURAI KAMARAJ '92.

EXPERIENCE : S.L.A., J.S.A. AND S.S.A., C.L.R.I., 1976-89; SCIENTIST A, C.L.R.I. SINCE SEPTEMBER, 1989.

PRESENT ACTIVITIES : ANALYTICAL WORK.

3807

SHRI BRIJENDRA SINGH; (B. SEPTEMBER 1, 1956),

SCIENTIST A, CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

3808

SHRI CHARAN SINGH; (B. NOVEMBER 10, 1950),

TECHNICAL OFFICER (A), CENTRAL LEATHER RESEARCH INSTITUTE, MADRAS.

QUALIFICATIONS : DIPLOMA IN LEATHER TECNNOLOGY - UTTAR PRADESH '73.

SPECIALIZATIONS : MANUFACTURE OF VARIETIES OF UPPER LEATHER AND FUR SKINS.

EXPERIENCE : GOVT. APPRENTISHIP, C.L.R.I., KANPUR, 1973-74; J.S.A., RRL, JAMMU, 1976-85; S.T.A., C.L.R.I., KANPUR, 1985-86; TECHNICAL OFFICER (A), C.L.R.I. SINCE APRIL, 1986.

PRESENT ACTIVITIES : LEATHER MANUFACTURING AND EXTENSION WORK.

LANGUAGES : HINDI, ENGLISH.

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BHALERAO N V	SCIENTIST C	1962

NAME	DESIGNATION	BIODATA NO
BHALERAO U T	SCIENTIST H	2589
BHALERAO V K	SCIENTIST C	1963
BHANDARI G S	SCIENTIST B	3239
BHANDARI V M	SCIENTIST C	1964
BHANUMATHI N	SCIENTIST EI	2643
BHARADWAJ CHHAYA	SCIENTIST B	2530
BHARADWAJ R C	SCIENTIST B	2531
BHARAT G K	SCIENTIST B	3505
BHARGAVA C N	ENGINEER (B)	3240
BHARTI DEV KUMAR	MEDICAL OFFICER (EI)	2644
BHASKAR COMANDUR	SCIENTIST C	1965
BHASKAR P S	SCIENTIST C	2741
BHASKAR PREM NATH	TECHNICAL OFFICER (C)	3166
BHASKAR S K	TECHNICAL OFFICER (A)	3279
BHAT D M	SCIENTIST EI	3337
BHAT S L	TECHNICAL OFFICER (A)	2569
BHAT VIDYA SUDHIR	SCIENTIST C	1966
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BHIDE SUNIL R	SCIENTIST C	1968
BHINGE K R	SCIENTIST C	1969
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BISWAS BIMALENDU	SCIENTIST C	3398
BISWAS D K	SCIENTIST EI	3341
BISWAS DILIP	SCIENTIST C	3399
BISWAS GAYATRI	SCIENTIST C	3679
BISWAS S S	TECHNICAL OFFICER (B)	2108
BISWAS SATYABRATA	SCIENTIST EI	3342
BISWAS SUBHASISH	SCIENTIST C	3400
BIT K C	SCIENTIST C	3401
BODHE A M	SCIENTIST C	1970
BORA AKON	SCIENTIST A	3085
BORA M	SCIENTIST C	2998
BORA NOGEN	SCIENTIST A	3086
BORA PABAN	SCIENTIST C	2999
BORA T C	SCIENTIST B	3064
BORA U C	ENGINEER (C)	3000
BORAH G P	SCIENTIST B	3065
BORAH H N	SCIENTIST A	3087
BORAH JAYANTA JYOTI	SCIENTIST B	3066
BORAH R C	SCIENTIST C	3001
BORAH S N	SCIENTIST A	3592
BORAH U C	SCIENTIST F	2937
BORATE H B	SCIENTIST C	1971
BORDOLOI AJIT	SCIENTIST A	3088
BORDOLOI M J	SCIENTIST B	3067
BORGOHAIN J N	SCIENTIST EI	2956
BORTHAKUR ARUN	SCIENTIST C	3002
BORTHAKUR B C	SCIENTIST EI	2957
BORTHAKUR MINA	SCIENTIST B	3068
BORTHAKUR NALEEN	SCIENTIST EI	2958
BORTHAKUR P C	SCIENTIST EI	2959
BORUAH PARAN	SCIENTIST C	3003
BORUAH R C	SCIENTIST C	3004
BORUAH RAJANI KANTA	SCIENTIST C	3005
BOSE A	TECHNICAL OFFICER (A)	3593

NAME	DESIGNATION	BIODATA NO
BOSE D R	SCIENTIST C	3402
BOTE A N	TECHNICAL OFFICER (B)	2109
BRAHMACHARI B B	SCIENTIST EI	3343
BRAHME K C	SCIENTIST EI	1861
BUCH R A	SCIENTIST B	2533
BUDHKAR A P	SCIENTIST C	1972
CHABRA A D	TECHNICAL OFFICER (A)	3281
CHAKKARAVARTHY C	SCIENTIST EI	2226
CHAKRABARTI P	SCIENTIST EI	1862
CHAKRABARTY D	SCIENTIST EI	1863
CHAKRABORTY A B	SCIENTIST C	3403
CHAKRABORTY A K	SCIENTIST C	3404
CHAKRABORTY C C	SCIENTIST C	3405
CHAKRABORTY H D	SCIENTIST C	3406
CHAKRABORTY M C	SCIENTIST C	3407
CHAKRABORTY RATNA	SCIENTIST C	3680
CHAKRABORTY S K	SCIENTIST C	3408
CHAKRABORTY TUSHAR KANTI	SCIENTIST EI	2645
CHAKRAPANI S	SCIENTIST C	1973
CHAKRAVARTY D K	SCIENTIST B	3508
CHAKRAVARTY S K	SCIENTIST EI	3344
CHAKRAVORTY S R	SCIENTIST C	3409
CHAND MOOL	TECHNICAL OFFICER (A)	3282
CHANDA B M	SCIENTIST EI	1864
CHANDA DIPAK	SCIENTIST C	3006
CHANDA S K	SCIENTIST C	3410
CHANDER S V R	TECHNICAL OFFICER (B)	3732
CHANDOLA H C	SCIENTIST C	3169
CHANDRA AVIJIT	SCIENTIST B	3509
CHANDRA ISHWAR	SCIENTIST EI	1865
CHANDRAKALA T S	TECHNICAL OFFICER (A)	2901
CHANDRAKASAN GOWRI	SCIENTIST EII	3626
CHANDRAKUMAR N	SCIENTIST EII	3627
CHANDRAMOULI D	SCIENTIST EI	3645
CHANDRAN K	SCIENTIST C	2295
CHANDRASEKARAN B	SCIENTIST C	3681
CHANDRASEKARAN K	TECHNICAL OFFICER (A)	3787
CHANDRASEKARAN M	SCIENTIST B	2380
CHANDRASEKARAN R	SCIENTIST C	2296
CHANDRASEKARAN S	SCIENTIST EII	2210
CHANDRASEKHARAN P	TECHNICAL OFFICER (A)	3788
CHANDRASEKHARAN V	TECHNICAL OFFICER (C)	2297
CHANDWADKAR ASHA JEEVAN	SCIENTIST C	1974

NAME	DESIGNATION	BIODATA NO
CHAPHEKAR G M	SCIENTIST C	1975
CHAR P NARAYANA	TECHNICAL OFFICER (B)	2834
CHARRY J NARASIMHA	TECHNICAL OFFICER (A)	2902
CHARY VEDANTA	SCIENTIST EII	2601
CHASTI A R	SCIENTIST B	2110
CHASTY A R	TECHNICAL OFFICER (B)	2111
CHATERJEE DEBABRATA	SCIENTIST B	2534
CHATTERJEE A K	SCIENTIST C	3170
CHATTERJEE A K	SCIENTIST C	3411
CHATTERJEE C N	SCIENTIST EII	3313
CHATTERJEE D S	SCIENTIST C	3412
CHATTERJEE P K	SCIENTIST C	3413
CHATTERJEE PRABHA R	SCIENTIST EI	2646
CHATTERJEE RAJATMAY	SCIENTIST B	3510
CHATTERJEE S K	SCIENTIST EI	3345
CHATTERJEE T K	SCIENTIST A	3594
CHATTERJI S K	SCIENTIST EII	3314
CHATTOPADHYAY A K	SCIENTIST B	3511
CHATTOPADHYAY APARUP	SCIENTIST B	3069
CHATTOPADHYAY S B	SCIENTIST EI	3346
CHAUBEY YUGESHWAR	SCIENTIST B	3512
CHAUDHARI R S	SCIENTIST C	1976
CHAUDHARI S K	TECHNICAL OFFICER (B)	2112
CHAUDHARY G S	SCIENTIST EI	3129
CHAUDHARY R V	SCIENTIST F	1823
CHAUDHURI A K	SCIENTIST EI	3347
CHAUDHURI S G	SCIENTIST EI	3348
CHAUDHURY C	SCIENTIST C	3414
CHAUDHURY DIPANKAR	SCIENTIST B	3733
CHAUDHURY M ROY	TECHNICAL OFFICER (C)	3682
CHAUHAN D A	SCIENTIST B	2535
CHAUHAN M B	SCIENTIST C	3683
CHAVAN S P	SCIENTIST C	1977
CHAVAN V B	TECHNICAL OFFICER (A)	2185
CHAWALA VED PRAKASH	ENGINEER (C)	3171
CHAWLA R K	SCIENTIST B	3242
CHHIBBER SUMESH KUMAR	SCIENTIST C	3172
CHIDAMBARAM S	SCIENTIST EII	2211
CHIDAMBARAM V R	SCIENTIST B	2381
CHIKARA JITENDRA	SCIENTIST C	2496
CHINCHWADKAR C A	SCIENTIST C	1978
CHIRMULE MRUDULA P	SCIENTIST B	2113
CHOCKALINGAM MARY JULIANA	SCIENTIST EII	2212

NAME	DESIGNATION	BIODATA NO
CHOCKALINGAM S C	TECHNICAL OFFICER (B)	2382
CHOKKAIYAN R	SCIENTIST EI	2227
CHOPRA S K	TECHNICAL OFFICER (C)	3173
CHOUDARY B M	SCIENTIST EI	2647
CHOUDHARY V R	SCIENTIST F	1824
CHOUDHURI A G	SCIENTIST C	3415
CHOUDHURI N	SCIENTIST B	3513
CHOUDHURY A	SCIENTIST C	3416
CHOUDHURY A K ROY	REPROGRAPHY OFFICER (EI)	3349
CHOUDHURY ASHIM	SCIENTIST C	3417
CHOUDHURY B ROY	SCIENTIST B	3514
CHOUDHURY H P ROY	SCIENTIST C	3418
CHOUDHURY K P DAS	SCIENTIST C	3419
CHOUDHURY S B	SCIENTIST EI	3350
CHOUDHURY S N	SCIENTIST C	3007
CHOUDHURY S R DUTTA	SCIENTIST EI	2960
CHOUDHURY S S	SCIENTIST C	3420
CHOWDHURY A K	SCIENTIST B	3515
CHOWDHURY PRITISH KUMAR	SCIENTIST C	3008
CHOWDHURY PRIYABONDHU	SCIENTIST C	3421
CHUMBHALE V R	TECHNICAL OFFICER (A)	2186
DABKE S R	SCIENTIST B	2114
DABRAL RAMESHWAR PRASAD	SCIENTIST C	3174
DAGA SOHAN LAL	SCIENTIST EII	2457
DAHIBHATE N B	DOCUMENTATION OFFICER (A)	2187
DAKSHINAMURTHI K	SCIENTIST EII	2213
DALAVOY V S	SCIENTIST C	1979
DALVI VIDYA	LIBRARY OFFICER (A)	2188
DANG G S	ENGINEER (EI)	3130
DAS A P RUDRA	TECHNICAL OFFICER (A)	2903
DAS AMALENDU	SCIENTIST B	3516
DAS B N	SCIENTIST B	3734
DAS B P	SCIENTIST C	3422
DAS BISWANATH	SCIENTIST C	2742
DAS C K	SCIENTIST EII	3315
DAS G K	TECHNICAL OFFICER (A)	3789
DAS GAUTAM	ENGINEER (B)	3243
DAS GITESH CHANDRA	ART OFFICER (B)	3517
DAS M C	SCIENTIST A	3595
DAS N S	SCIENTIST C	3423
DAS P K	SCIENTIST EI	3351
DAS RAJAT CHANDRA	SCIENTIST EI	2961
DAS S K	SCIENTIST C	3009

NAME	DESIGNATION	BIODATA NO
DAS S K	SCIENTIST EI	3352
DAS SUDHAKAR	ENGINEER (C)	3175
DAS SYAMAL KUMAR	SCIENTIST C	3424
DAS T B	SCIENTIST B	3518
DASANDHI Y C	SCIENTIST B	3519
DASARE B D	SCIENTIST EII	2458
DASGUPTA P K	SCIENTIST B	3520
DASGUPTA RAHUL	SCIENTIST C	3425
DASGUPTA T B	SCIENTIST B	3521
DASS P K	SCIENTIST C	2743
DASS PARSHOTAM	TECHNICAL OFFICER (B)	3244
DATE S K	SCIENTIST F	1825
DATTA S K	SCIENTIST C	3426
DAVE G N	SCIENTIST B	2536
DAVE M J	SCIENTIST C	2497
DE GAURISANKAR	SCIENTIST EI	3353
DEENADAYALAN S	SCIENTIST C	2298
DEODHAR V B	SCIENTIST C	1980
DEODHAR V G	TECHNICAL OFFICER (B)	2115
DERAIYA H H	SCIENTIST B	2537
DESAI G T	SCIENTIST C	2498
DESAI N V	SCIENTIST EI	2471
DESHMUKH A R A S	SCIENTIST C	1981
DESHMUKH D N M	SCIENTIST C	2744
DESHMUKH KALA K	SCIENTIST C	1982
DESHMUKH S S	SCIENTIST A	2189
DESHPANDE C E	SCIENTIST EI	1866
DESHPANDE K G	SCIENTIST EI	1867
DESHPANDE KISHOR D	SCIENTIST B	2116
DESHPANDE M V	SCIENTIST C	1983
DESHPANDE P K	SCIENTIST B	3522
DESHPANDE PRAVEEN KRISHNAN	TECHNICAL OFFICER (B)	2117
DESHPANDE R M	SCIENTIST B	2118
DESHPANDE S B	SCIENTIST C	1984
DESHPANDE SUNITA R	SCIENTIST C	1985
DESHPANDE V H	SCIENTIST EI	1868
DESHPANDE V V	SCIENTIST EI	1869
DEVA J K	SCIENTIST C	3427
DEVABALAN A	SCIENTIST B	3735
DEVARAJ G	SCIENTIST EI	2228
DEVASAHAYAM M	SCIENTIST EI	2229
DEVASAHAYAM T SELVIN	SCIENTIST C	2299
DEVGOSWAMI LABANYAKUMAR	SCIENTIST C	3010

NAME	DESIGNATION	BIODATA NO
DEVMURARI C V	SCIENTIST B	2538
DEVOTTA SUKUMAR	SCIENTIST EII	1835
DEY A K	SCIENTIST C	3428
DEY NIBARAN CHANDRA	SCIENTIST EI	2962
DHANASELVAN M C K	SCIENTIST B	3736
DHANESHWAR N N	SCIENTIST EI	1870
DHAR A N	TECHNICAL OFFICER (B)	3523
DHAR D N	SCIENTIST C	3429
DHATHATHREYAN ARUNA	SCIENTIST C	3684
DHAWAN S K	SCIENTIST B	2383
DHINGRA R K	TECHNICAL OFFICER (A)	2190
DHIR S M	SCIENTIST B	3245
DHOBLE D A	TECHNICAL OFFICER (B)	2119
DILAWER S V K	TECHNICAL OFFICER (A)	3283
DIWAKAR P G	SCIENTIST B	2120
DIWAN V PRAKASH	SCIENTIST EI	2648
DIXIT K N	SCIENTIST C	1986
DIXIT L P	SCIENTIST EI	3354
DIXIT LALJI	SCIENTIST C	3176
DOBHAL K N	SCIENTIST C	3177
DOBHAL S P	SCIENTIST B	3246
DOGRA P V	SCIENTIST C	3178
DORAI C S	SCIENTIST C	1987
DORAIRAJ D	MEDICAL OFFICER (B)	3737
DOSS R MARIA	SCIENTIST EII	2602
DUA ABNASH C	SCIENTIST EII	2603
DUARAH RANJU	SCIENTIST C	3011
DUBE C P	SCIENTIST B	2835
DURAIKANNU ALLAN	SCIENTIST B	3738
DUTT N V K	SCIENTIST EI	2649
DUTTA A C	SCIENTIST A	3596
DUTTA B K	SCIENTIST C	3430
DUTTA D K	SCIENTIST C	3012
DUTTA D K	SCIENTIST B	3070
DUTTA DILIP KUMAR	SCIENTIST EI	2963
DUTTA G S	TECHNICAL OFFICER (B)	3524
DUTTA J S	TECHNICAL OFFICER (A)	3284
DUTTA M C	SCIENTIST A	3597
DUTTA N N	SCIENTIST C	3013
DUTTA PASHUPATI	SCIENTIST B	3525
DUTTA S C	SCIENTIST C	3014
DWIVEDI G S	SCIENTIST C	3431
DWIVEDI S R	SCIENTIST C	3432

NAME	DESIGNATION	BIODATA NO
EAPEN M J	SCIENTIST C	1988
EASHWAR M	SCIENTIST B	2384
EFREM C	TECHNICAL OFFICER (B)	2836
EMMANUEL BOSCO	SCIENTIST C	2300
FADNAVIS N W	SCIENTIST C	2745
FARSINAVIS SURESH	SCIENTIST EI	2650
FISH SILAS FRANKLIN	SCIENTIST C	3179
GAHARWAR R S	SCIENTIST EI	3131
GAIKWAD M S	TECHNICAL OFFICER (B)	2121
GAIKWAD S M	SCIENTIST A	2191
GANAPATHY S	SCIENTIST EII	1836
GANDHI K K	ENGINEER (EII)	3104
GANDHI M R	SCIENTIST C	2499
GANESH K N	SCIENTIST F	1826
GANGADHARAN R	SCIENTIST EII	2214
GANGAKHEDKAR SUBHASH	TECHNICAL OFFICER (EI)	2651
GANGAL K S	TECHNICAL OFFICER (C)	2746
GANGIAH KOTA	SCIENTIST EII	2604
GANGOPADHYAY A K	SCIENTIST A	3598
GANGULY P	SCIENTIST F	1827
GANGULY S N	TECHNICAL OFFICER (B)	3526
GARG A	SCIENTIST EI	3646
GARG R A	DESIGN ENGINEER (A)	3285
GARNAIK BAIJAYANTIMALA	SCIENTIST B	2122
GAUR P M	SCIENTIST B	2539
GAUTAM G	SCIENTIST B	3739
GAWALI B B	SCIENTIST EI	2652
GEDAM P H	SCIENTIST EII	2605
GEETHA P	TECHNICAL OFFICER (A)	3790
GHAI R L	ASSISTANT ENGINEER (B)	3247
GHAISAS V V	SCIENTIST B	2123
GHATAK MANORANJAN	SCIENTIST EI	3355
GHILDIYAL R C	TECHNICAL OFFICER (A)	3286
GHOSE S P	SCIENTIST C	3433
GHOSH A K	SCIENTIST EII	3316
GHOSH ANIL C	DIRECTOR	2936
GHOSH B B	SCIENTIST B	3527
GHOSH BANIKAR	SCIENTIST C	3434
GHOSH BIJAN KUMAR	SCIENTIST C	1989
GHOSH GORA	SCIENTIST C	3435
GHOSH R K	SCIENTIST C	3436
GHOSH R P	SCIENTIST C	3437
GHOSH S B	SCIENTIST C	3438

NAME	DESIGNATION	BIODATA NO
GHOSH S K	SCIENTIST C	3015
GHOSH S K	SCIENTIST EI	3356
GHOSH S N	SCIENTIST EI	2472
GHOSH SANKAR	SCIENTIST EI	1871
GHOSH SUBRATA RANJAN	SCIENTIST C	3016
GHOSH SWAPAN KUMAR	SCIENTIST A	3599
GIRIDHAR V V	SCIENTIST B	2385
GIRIYAPPA KOLLANNAVAR	TECHNICAL OFFICER (B)	3740
GNANASEKARAN K S A	SCIENTIST EI	2230
GNANESHWAR P	SCIENTIST EI	2653
GODBOLE D A	SCIENTIST C	1990
GODBOLE P D	TECHNICAL OFFICER (A)	2192
GOEL B S	TECHNICAL OFFICER (A)	3287
GOGOI BINOD KUMAR	SCIENTIST C	3017
GOGOI NIRMAL CHANDRA	SCIENTIST C	3018
GOGOI SORBESWAR	SCIENTIST A	3089
GOHIL S J	SCIENTIST C	2500
GOKARN A N	SCIENTIST EII	1837
GOKHALE D V	SCIENTIST C	1991
GOKHALE M V	SCIENTIST EII	1838
GOLE M V	SCIENTIST C	2501
GOMKALE A V	ENGINEER (C)	3180
GOMKALE S D	SCIENTIST F	2455
GONDAL ASHISH KUMAR	ENGINEER (C)	3181
GOPICHAND S	SCIENTIST EI	1872
GOPIDAS O K	SCIENTIST EI	2231
GOPINATHAN C	SCIENTIST EII	1839
GOPINATHAN S	SCIENTIST EII	1840
GOPUKUMAR S	SCIENTIST B	2386
GOSWAMI A	SCIENTIST C	3019
GOSWAMI A N	SCIENTIST C	3182
GOSWAMI AMRIT	SCIENTIST C	3020
GOSWAMI B N	SCIENTIST C	3021
GOSWAMI D C	SCIENTIST EII	2940
GOSWAMI H D	LIBRARY OFFICER (B)	3528
GOSWAMI P C	SCIENTIST EI	2964
GOSWAMI PRADIP KUMAR	SCIENTIST C	3022
GOSWAMI PRANAB	SCIENTIST B	3071
GOSWAMI R L	SCIENTIST B	3072
GOSWAMI S C	TECHNICAL OFFICER (A)	3600
GOSWAMI T K	SCIENTIST C	3439
GOURICHARAN T	SCIENTIST B	3529
GOVINDARAJAN G	TECHNICAL OFFICER (B)	2387

NAME	DESIGNATION	BIODATA NO
GOVINDU S	SCIENTIST B	2388
GOYAL HARI BHAGWAN	ENGINEER (C)	3183
GOYAL P K	SCIENTIST B	3248
GOYAL S K	SCIENTIST C	3184
GROVER G S	SCIENTIST C	1992
GROVER PARAMJIT	SCIENTIST B	2837
GUHA O K	SCIENTIST EII	3317
GUHA P K	SCIENTIST C	3440
GUJARATHI R B	TECHNICAL OFFICER (B)	2124
GUN S R	SCIENTIST EII	3318
GUNARI A A	SCIENTIST EI	1873
GUNJAL A D	TECHNICAL OFFICER (A)	2193
GUNJIKAR V G	SCIENTIST EI	1874
GUPTA A K	SCIENTIST EI	3357
GUPTA ASHOK KUMAR	ENGINEER (EII)	3105
GUPTA G C	DESIGN ENGINEER (A)	3288
GUPTA J K	SCIENTIST B	3249
GUPTA JAGDISH	TECHNICAL OFFICER (A)	3791
GUPTA K B	SCIENTIST C	3685
GUPTA N R	TECHNICAL OFFICER (C)	3185
GUPTA OM PRAKASH	SCIENTIST C	3186
GUPTA P K	SCIENTIST C	3441
GUPTA POONAM	SCIENTIST B	3250
GUPTA PRAKASH CHANDRA	SCIENTIST EI	3132
GUPTA R B	SCIENTIST C	3187
GUPTA S C	TECHNICAL OFFICER (B)	3251
GUPTA S K	SCIENTIST B	3530
GUPTA S P	SCIENTIST C	1993
GUPTA SANJEEV	SCIENTIST C	3686
GUPTA SHRICHANDRA	SCIENTIST B	3252
GUPTA SUDHANSHU	ENGINEER (B)	3253
GUPTA T N	TECHNICAL OFFICER (C)	2502
GUPTA UMESH CHANDRA	SCIENTIST C	3188
GUPTA VIDYA SHRIKANT	SCIENTIST EI	1875
GUPTE M Y	TECHNICAL OFFICER (A)	2194
GURJAR M K	SCIENTIST EI	2654
GURUMOORTHY M M	SCIENTIST C	3687
HABBU VIJAY KUMAR GURURAJ	SCIENTIST C	1994
HALDAR D D	SCIENTIST EI	3358
HALLIGUDI S B	SCIENTIST B	2540
HAMEED S A	SCIENTIST EI	2655
HAMIDANI A HAMID USMANBHAI	SCIENTIST B	2541
HAQUE R	SCIENTIST (DIRECTOR'S GRADE)	3305

NAME	DESIGNATION	BIODATA NO
HARIBABU V	TECHNICAL OFFICER (A)	3792
HARIDOSS V	SCIENTIST EII	3628
HARIHARAN M	SCIENTIST EI	2232
HARIKRISHNAN T L	SCIENTIST B	3741
HARKUT B D	SCIENTIST EI	2656
HASAN M M	SCIENTIST EII	2606
HASAN N M D	MEDICAL OFFICER (EI)	2965
HASHIM S RIAZ	SCIENTIST EI	2657
HAZARIKA A K	SCIENTIST EII	2941
HAZARIKA A K	SCIENTIST C	3023
HAZARIKA ISHESWAR	SCIENTIST A	3090
HAZARIKA PRANAB KUMAR	TECHNICAL OFFICER (A)	3091
HAZARIKA S R	SCIENTIST A	3601
HAZRA B G	SCIENTIST EII	1841
HAZRA S K	SCIENTIST EI	3359
HAZRA SULEKHA	SCIENTIST EI	1876
HEBBALKAR D S	SCIENTIST C	1995
HEGDE S G	SCIENTIST C	1996
HENDRE R R	SCIENTIST EI	1877
HIREMATH S V	SCIENTIST EI	1878
HIRWANI R R	SCIENTIST EI	1879
HUSAIN M BURHAN	TECHNICAL OFFICER (C)	2747
HUSAIN SAJID	SCIENTIST F	2592
HUSSAIN AHMED	TECHNICAL OFFICER (B)	2838
HUSSAIN AMJAD	SCIENTIST EI	2473
HUSSAIN MIR RAZA	TECHNICAL OFFICER (C)	2748
IDAGE B B	TECHNICAL OFFICER (B)	2125
IFTIKHAR NAFIA ZAINAB	SCIENTIST C	2749
IKRAM INAMUL	TECHNICAL OFFICER (B)	3073
INDABKE N S	SCIENTIST B	2126
INDIRA C J	SCIENTIST C	2301
INDUSEKHAR V K	SCIENTIST EII	2459
IQBAL S H	SCIENTIST G	1821
ISHRAT TAHERA	SCIENTIST B	2839
ISHRATULLAH K	SCIENTIST C	2750
IYENGAR D SARANGA	SCIENTIST EII	2607
IYENGAR E R RANGASWAMY	SCIENTIST F	2456
IYER NEELIMA SHANKARNARAYANAN	SCIENTIST B	2127
IYER S	SCIENTIST C	1997
IYER S VENKATA KRISHNA	SCIENTIST EI	2233
IYER Y MAHADEVA	SCIENTIST EII	2215
JACOB N E	SCIENTIST B	2128
JACOB V G	TECHNICAL OFFICER (A)	2904

NAME	DESIGNATION	BIODATA NO
JADHAV ARUN S	SCIENTIST A	2195
JADKAR PANDIT BALIRAM	SCIENTIST B	2129
JAGANATHAN R	SCIENTIST C	1998
JAGANNADH B	SCIENTIST C	2751
JAGANNATHAN R	SCIENTIST B	2389
JAGTAP H S	SCIENTIST EI	1880
JAHAN NAHEED SULTANA	TECHNICAL OFFICER (B)	2840
JAIN AMAR KUMAR	ENGINEER (C)	3189
JAIN DHEERAJ KUMAR	SCIENTIST EI	2658
JAIN PRAMOD KUMAR	SCIENTIST C	3190
JAIN R K	SCIENTIST C	3442
JAIN S K	ENGINEER (EI)	3133
JAIN SUSHIL KUMAR	ENGINEER (EII)	3106
JAIN V K	ENGINEER (EII)	3107
JAISWAL U K	SCIENTIST B	3254
JALGAONKAR R D	SCIENTIST A	3602
JAMIL KAISER	SCIENTIST EII	2608
JAMIL MD ZAFAR	SCIENTIST EII	2609
JANA M M	TECHNICAL OFFICER (C)	1999
JASWAL BALBIR SINGH	TECHNICAL OFFICER (B)	3255
JAUHRI K S	SCIENTIST EII	3108
JAYACHANDRAN M	SCIENTIST C	2302
JAYAKRISHNAN P	TECHNICAL OFFICER (C)	2303
JAYAKRISHNAN SHOBA	SCIENTIST C	2304
JAYAKUMAR P	SCIENTIST C	2305
JAYAKUMAR R	SCIENTIST C	3688
JAYALAKSHMI K	SCIENTIST B	2390
JAYAPERUMAL D	SCIENTIST B	2391
JAYARAMAN A	SCIENTIST EI	3134
JAYARAMAN K	SCIENTIST EI	2234
JAYARAMAN V K	SCIENTIST C	2000
JETTY ANNAPURNA	SCIENTIST C	2752
JEYAKUMAR D	SCIENTIST C	2306
JHA RAMA KANT	SCIENTIST B	3531
JOG JYOTI PRAKASH	SCIENTIST C	2001
JOGDAND V V	SCIENTIST C	2002
JOGLEKAR H G	SCIENTIST EI	1881
JOHN S	SCIENTIST EI	2235
JOSEPH A A	TECHNICAL OFFICER (B)	2392
JOSEPH K	SCIENTIST EI	1882
JOSEPH NANDI	SCIENTIST C	3689
JOSHEP JAMES	SCIENTIST B	2393
JOSHI A R	SCIENTIST B	3532

NAME	DESIGNATION	BIODATA NO
JOSHI C N	TECHNICAL OFFICER (A)	2196
JOSHI H L	SCIENTIST C	2503
JOSHI H V	SCIENTIST C	2504
JOSHI N N	SCIENTIST C	2003
JOSHI P L	SCIENTIST C	2004
JOSHI R A	SCIENTIST C	2005
JOSHI R C	TECHNICAL OFFICER (EI)	3135
JOSHI S G	SCIENTIST C	2006
JOSHI S V	SCIENTIST EI	2474
JOSHI SUNIL S	SCIENTIST B	2130
JOSHI SURESH CHANDRA	SCIENTIST C	3191
JOSHI SWATI P	SCIENTIST C	2007
JUNEJA M N	SCIENTIST EI	3360
KADER J A M ABDUL	SCIENTIST EI	2236
KAIMAL T N B	SCIENTIST EII	2610
KAKOTI MOHAN CHANDRA	SCIENTIST C	3024
KALE VIJAY	SCIENTIST EI	2659
KALEEMUDDIN M	TECHNICAL OFFICER (B)	2841
KALGASTHALA D G	TECHNICAL OFFICER (B)	2542
KALITA S C	SCIENTIST C	3025
KALITA SOMESWAR	TECHNICAL OFFICER (A)	3092
KALITA U C	SCIENTIST EII	2942
KALIYAN S	DOCUMENTATION OFFICER (B)	3742
KALKOTE U R	SCIENTIST C	2008
KALYANI V K	SCIENTIST B	3533
KAMALUDEEN M	SCIENTIST EI	2237
KAMAT D H	SCIENTIST EII	3629
KAMATH H V	SCIENTIST EI	1883
KAMATH S K	SCIENTIST EI	1884
KAMBLE K R	SCIENTIST C	2009
KAMBO K S	SCIENTIST EI	3136
KANAGARAJ D	SCIENTIST EI	2238
KANAGASABAPATHY S	SCIENTIST B	2131
KANETKAR S J	SCIENTIST C	3443
KANJILAL PURNENDU BIKASH	SCIENTIST EI	2966
KANNAN G N	TECHNICAL OFFICER (EI)	2239
KANNAN K	TECHNICAL OFFICER (A)	2448
KANTAM M LAKSHMI	SCIENTIST C	2753
KANTHIMATHI M	TECHNICAL OFFICER (A)	3793
KAPALI V	SCIENTIST C	2307
KAPOOR D L	TECHNICAL OFFICER (EII)	3109
KAPOOR PRAN NATH	TECHNICAL OFFICER (A)	3289
KAPOOR V B	SCIENTIST C	3192

NAME	DESIGNATION	BIODATA NO
KAPOOR V K	SCIENTIST EII	3110
KAREEMUDDIN M	TECHNICAL OFFICER (B)	2842
KARMAKAR G H	SCIENTIST B	3534
KARNIK R S	SCIENTIST C	2010
KARUNAKARAN V K	SCIENTIST B	3535
KARUPPANNAN N	SCIENTIST EI	2240
KATTE S B	TECHNICAL OFFICER (B)	2132
KAUL K K	TECHNICAL OFFICER (A)	3290
KAUL KULDEEP KUMAR	SCIENTIST C	3026
KAUSHIK R S	TECHNICAL OFFICER (B)	3256
KAUSHIKKAR Y S	SCIENTIST C	3444
KAVA R M	SCIENTIST EI	2475
KAVEDIA C V	SCIENTIST C	2011
KELKAR A A	SCIENTIST B	2133
KELKAR A G	SCIENTIST EI	1885
KELKAR R G	SCIENTIST EI	1886
KENDURKAR S V	SCIENTIST C	2012
KESKAR S S	SCIENTIST C	2013
KHADILKAR H P	SCIENTIST C	2014
KHAJAMASTHAN SHAIK	SCIENTIST EI	2660
KHAN A A	SCIENTIST F	2593
KHAN A QADEER	TECHNICAL OFFICER (A)	2905
KHAN AHAMED	SCIENTIST EI	2661
KHAN B M	SCIENTIST EI	1887
KHAN GULAM YASEEN	SCIENTIST EII	2611
KHAN H U	SCIENTIST C	3193
KHAN M I	SCIENTIST C	2015
KHAN MOHD MUSTAFA ALI	SCIENTIST EI	2662
KHAN NOORUL HASAN	SCIENTIST B	2543
KHAN R H	SCIENTIST C	3027
KHANNA C M	TECHNICAL OFFICER (C)	3194
KHANNA M K	SCIENTIST C	3195
KHANNA P N	SCIENTIST EI	1888
KHANNA S K	SCIENTIST B	3257
KHANWALKAR PRAMOD G	ENGINEER (EI)	3137
KHANWALKAR S R	SCIENTIST B	3536
KHIRE J M	SCIENTIST C	2016
KHISTI R S	SCIENTIST C	2017
KHOPKAR A M	SCIENTIST B	3537
KHUSPE S S	SCIENTIST EI	1889
KIFAYATULLA MOHAMMAD	SCIENTIST C	2754
KISHORE KAUSHAL	SCIENTIST C	3196
KISHORE NAND	SCIENTIST C	2018

NAME	DESIGNATION	BIODATA NO
KITKARU S B	SCIENTIST B	3538
KONAR B B	SCIENTIST EI	3361
KONWAR DILIP	SCIENTIST C	3028
KOSHY ABRAHAM	SCIENTIST B	3743
KOTA L N	SCIENTIST EI	2663
KOTAIAH V	TECHNICAL OFFICER (A)	2906
KOTASTHANE A N	SCIENTIST EI	1890
KOTASTHANE M G	SCIENTIST EI	1891
KOTHARI H B	TECHNICAL OFFICER (B)	3258
KOTOKY J C S	SCIENTIST EI	2967
KOTOKY PROBHAT	SCIENTIST C	3029
KRISHNA D	SCIENTIST EI	2664
KRISHNA M RADHA	SCIENTIST B	2843
KRISHNA P RADHA	SCIENTIST B	2844
KRISHNA P S R	SCIENTIST EII	3319
KRISHNA S	SCIENTIST C	3197
KRISHNAIAH A	SCIENTIST B	2845
KRISHNAMOORTHY SITTHU	SCIENTIST EII	3630
KRISHNAMOORTHY T S	MEDICAL OFFICER (EI)	2241
KRISHNAMURTHY K	TECHNICAL OFFICER (A)	3794
KRISHNAMURTHY K V	SCIENTIST EII	1842
KRISHNAMURTHY S	SCIENTIST EI	2242
KRISHNAMURTHY S	SCIENTIST C	2308
KRISHNAMURTY A S R	SCIENTIST C	2755
KRISHNAN G R V	SCIENTIST G	1822
KRISHNAN N C	SCIENTIST EI	3647
KRISHNAN R M	SCIENTIST EI	2243
KRISHNAN S	SCIENTIST EII	1843
KRISHNAN S	SCIENTIST A	3603
KRISHNAN S	SCIENTIST C	3690
KRISHNAN S M	SCIENTIST C	2309
KRISHNAN V	SCIENTIST EII	2216
KRISHNIAH P	TECHNICAL OFFICER (A)	3795
KRISHNUDU T	SCIENTIST C	2756
KRISHNUDU Y	TECHNICAL OFFICER (B)	2846
KSHIRSAGAR SURESH NILKANTH	SCIENTIST C	2019
KSHIRSAGAR SURESH T	SCIENTIST EI	1892
KUCHHAL YOGESH KUMAR	SCIENTIST EI	3138
KULANDAISAMY S	SCIENTIST C	2310
KULASEKARAN S	SCIENTIST EI	3648
KULKARNI A D	TECHNICAL OFFICER (B)	2134
KULKARNI ANIL DINKAR	TECHNICAL OFFICER (A)	2197
KULKARNI B D	SCIENTIST F	1828

NAME	DESIGNATION	BIODATA NO
KULKARNI D D	SCIENTIST B	2135
KULKARNI D K	SCIENTIST C	2020
KULKARNI M G	SCIENTIST EII	1844
KULKARNI M P	SCIENTIST EI	1893
KULKARNI MANDAKINI M	SCIENTIST B	2136
KULKARNI RAJENDRA ANANT	SCIENTIST C	2021
KULKARNI S J	SCIENTIST C	2757
KULKARNI S S	SCIENTIST EI	1894
KULKARNI S Y	TECHNICAL OFFICER (EI)	1895
KULKARNI SHAILAJA DILIP	SCIENTIST C	2022
KULKARNI V G	TECHNICAL OFFICER (B)	2137
KULKARNI V M	SCIENTIST B	2138
KULKARNI VINAYAK RAO RAMRAO	SCIENTIST EI	1896
KULSRESTHA G N	SCIENTIST EII	3111
KULSRESTHA N N	SCIENTIST C	3198
KUMAR A	TECHNICAL OFFICER (A)	2907
KUMAR ANIL	SCIENTIST C	2023
KUMAR ANIL	SCIENTIST B	3074
KUMAR B S DILIP	SCIENTIST B	3075
KUMAR BASANT	SCIENTIST C	3199
KUMAR D VIJAYA	SCIENTIST B	2847
KUMAR DINESH	ENGINEER (C)	3200
KUMAR G SAMPATH	SCIENTIST EI	2665
KUMAR J K	ASSISTANT ENGINEER (A)	3291
KUMAR K	SCIENTIST B	2394
KUMAR K ASHOK	TECHNICAL OFFICER (B)	2848
KUMAR K RAVI	SCIENTIST C	2758
KUMAR KRISHAN	SCIENTIST C	3201
KUMAR MAN MOHAN	SCIENTIST EI	3139
KUMAR P C	SCIENTIST C	3445
KUMAR PRADEEP	SCIENTIST C	2024
KUMAR PRADEEP	SCIENTIST C	2759
KUMAR PRADEEP	SCIENTIST EII	3112
KUMAR PREM K	SCIENTIST EI	2666
KUMAR RAJESH	SCIENTIST B	3259
KUMAR RAJIV	SCIENTIST C	2025
KUMAR SURESH	SCIENTIST A	3604
KUMAR T PREM	SCIENTIST B	2395
KUMAR V A	SCIENTIST C	2026
KUMAR V RAVI	SCIENTIST C	2027
KUMAR V VIJAYA	SCIENTIST C	2760
KUMAR VIJAY	TECHNICAL OFFICER (A)	3292
KUMAR Y	SCIENTIST EII	3113

NAME	DESIGNATION	BIODATA NO
KUMARI B KRISHNA	SCIENTIST C	2761
KUMARI V DURGA	SCIENTIST C	2762
KUNDU A P	SCIENTIST C	3446
KUNTE S S	TECHNICAL OFFICER (A)	2198
KUNWAR A C	SCIENTIST EII	2612
KUPPUSAMI J	SCIENTIST EI	2244
KURESHI S A	SCIENTIST B	3260
KURESHY RUKHSANA ILYAS	SCIENTIST B	2544
KURIAN ALICE	SCIENTIST EI	2245
LACHKE A H	SCIENTIST EI	1897
LAHIRI SWATI	SCIENTIST B	2396
LAHOTI R J	SCIENTIST EI	1898
LAKSHMANAN A S	SCIENTIST EII	2217
LAL MOHAN	SCIENTIST EII	3114
LAL S C	SCIENTIST A	3605
LAL SAKKATAR	TECHNICAL OFFICER (A)	3796
LALITHA SUNIL KUMAR	TECHNICAL OFFICER (B)	2139
LALL MOHAN	SCIENTIST EI	3140
LANDGE A B	SCIENTIST EI	1899
LANGALIA K J	SCIENTIST B	2545
LATHA P	SCIENTIST B	3744
LIKHITE ANJALI PRABHAKAR	SCIENTIST B	2140
LOGANATHAN B M	SCIENTIST EI	2246
LOHOKARE P P	SCIENTIST C	2028
LOKANADAM B	SCIENTIST EI	3649
MADAN H K	ENGINEER (EI)	3141
MADHAVAN T P	SCIENTIST EI	2247
MADHAVENDRA S SAKUNTHALA	SCIENTIST C	2763
MADHU S	SCIENTIST C	2311
MADHULATHA W	SCIENTIST C	3691
MADHUSUDAN B	SCIENTIST EI	2667
MADHUSUDHAN V	SCIENTIST EI	2668
MADHWAL G N	TECHNICAL OFFICER (B)	3261
MAHADEVAN T S KAILASA	SCIENTIST F	3623
MAHAJAN S S	SCIENTIST EI	1900
MAHAJAN S S	SCIENTIST EI	1901
MAHAJANI S M	SCIENTIST B	2141
MAHALINGAM R	TECHNICAL OFFICER (B)	2397
MAHANTA DULESWAR	SCIENTIST EII	2943
MAHARAJ S	SCIENTIST B	3539
MAHIPAL	TECHNICAL OFFICER (A)	3293
MAHIUDDIN S	SCIENTIST B	3076
MAIRH OM PRAKASH	SCIENTIST EI	2476

NAME	DESIGNATION	BIODATA NO
MAITRA ALOKE	SCIENTIST EI	3362
MAITRA S P	SCIENTIST C	3447
MAJEETHIA K M	SCIENTIST EII	2460
MAJUMDAR B D	SCIENTIST EI	3363
MAJUMDAR B K	SCIENTIST C	3448
MAJUMDER P K	TECHNICAL OFFICER (B)	3540
MAKWANA M T	TECHNICAL OFFICER (A)	2571
MALHOTRA SATENDER KUMAR	TECHNICAL OFFICER (B)	3262
MALIK SANJAY	SCIENTIST B	2142
MALL B K	SCIENTIST C	3449
MALL BHAKTI PADA	ASSISTANT EXECUTIVE ENGINEER (B)	3541
MALLIK P C	SCIENTIST EI	3364
MALLIKARJUNAN M M	SCIENTIST F	3624
MALWANKER R B	SCIENTIST C	2029
MAMMAN A S	SCIENTIST B	2143
MANDAL A B	SCIENTIST EI	3650
MANDAL A K	SCIENTIST B	3542
MANDAL S K	SCIENTIST C	3450
MANDALE A B	SCIENTIST EI	1902
MANDALIA C M	TECHNICAL OFFICER (A)	2572
MANI A	SCIENTIST C	2312
MANI C R	TECHNICAL OFFICER (B)	2849
MANI N	SCIENTIST C	2313
MANICKAM S T	SCIENTIST B	2398
MANIKYAM M	TECHNICAL OFFICER (C)	2764
MANIVASAGAM K S	EXECUTIVE ENGINEER (C)	3692
MANOHAR Y MURALI	SCIENTIST C	3693
MANOHARAN S P	SCIENTIST B	2399
MARIAPPAN M	SCIENTIST EII	3631
MARIKKANNU C	SCIENTIST C	2314
MARU L V	TECHNICAL OFFICER (A)	2573
MARUTHAMUTHU S	SCIENTIST B	2400
MARWAHA V P	SCIENTIST C	3451
MASHELKAR R A	DIRECTOR	1819
MASOHAN ASHA	SCIENTIST C	3202
MATHIVANAN S	SCIENTIST B	3745
MATHUR H S	SCIENTIST C	3203
MATHUR R K	SCIENTIST F	2938
MATHUR SURESH NARAYAN	SCIENTIST C	2765
MAYADEVI S	SCIENTIST C	2030
MAYBHATE SHAILAJA P	SCIENTIST C	2031
MAZUMDAR ARDHENDU	SCIENTIST A	3606
MAZUMDAR P K	SCIENTIST C	3452

NAME	DESIGNATION	
MAZUMDAR R K	SCIENTIST EI	2968
MAZUMDAR SATINATH	SCIENTIST C	3453
MEENAKSHI R	TECHNICAL OFFICER (A)	3797
MEENAKSHISUNDARAM R	SCIENTIST C	2315
MEHENDALE A R	SCIENTIST EI	1903
MEHROTRA R P	SCIENTIST EII	3115
MEHTA ADITYA SHANTIBHAI	SCIENTIST EI	2477
MEHTA D C	SCIENTIST C	2032
MEHTA M J	SCIENTIST EII	2461
MEHTA N S	SCIENTIST B	2144
MEHTA S H	SCIENTIST C	2505
MEHTA URMIL JAGDISH	SCIENTIST C	2033
MENDIRATTA R L	ENGINEER (EI)	3142
MENON R	SCIENTIST B	3543
MESHRAM H M	SCIENTIST B	2850
MESHRAM R M	SCIENTIST B	3544
MEYYAPPAN R M	SCIENTIST B	2401
MIRAJKAR SUBHASH P	SCIENTIST B	2145
MISHRA JAGDISH	SCIENTIST B	3545
MISHRA SANDHYA	TECHNICAL OFFICER (A)	2574
MISRA B P	SCIENTIST C	3030
MISRA G C	SCIENTIST EI	3143
MISRA J P	SCIENTIST EII	2613
MISRA SUKHENDU	SCIENTIST C	3454
MISRA T N	SCIENTIST C	3694
MITRA ANJANA	SCIENTIST C	2034
MITRA B C	SCIENTIST EI	3365
MITRA BIPLAB	SCIENTIST C	3455
MITRA K K	SCIENTIST C	3456
MITRA P K	SCIENTIST EII	3320
MITRA S K	SCIENTIST C	3457
MITRA S K	SCIENTIST C	3458
MITRA S K	SCIENTIST B	3546
MITRA SWAPAN	SCIENTIST B	3547
MITTAL K G	ENGINEER (EII)	3116
MODAK R A	SCIENTIST C	2035
MODY H M	TECHNICAL OFFICER (A)	2575
MODY K H	SCIENTIST C	2506
MODY R C	SCIENTIST C	2507
MOGHE P P	SCIENTIST EI	1904
MOHAN P S	TECHNICAL OFFICER (A)	2449
MOHAN S	SCIENTIST B	2402
MOHAN S	SCIENTIST B	2403

NAME	DESIGNATION	BIODATA NO
MOHANDAS T P	SCIENTIST C	2036
MOHANDAS V P	TECHNICAL OFFICER (C)	2508
MOITRA H B	SCIENTIST B	3548
MOIZ MOHAMMAD ABDUL	SCIENTIST B	2546
MONDAL BISWANATH	SCIENTIST C	3459
MONDAL KESHAB CHANDRA	TECHNICAL OFFICER (B)	3746
MOULICK A N	ART OFFICER (A)	3607
MUJEEB M A	TECHNICAL OFFICER (C)	2766
MUKHERJEE A K	SCIENTIST EII	3321
MUKHERJEE ASHIS	SCIENTIST B	3549
MUKHERJEE B K	SCIENTIST A	3608
MUKHERJEE DWIJOTTAM	SCIENTIST EI	2248
MUKHERJEE P K	SCIENTIST EI	3366
MUKHERJEE R M	SCIENTIST EI	3367
MUKHERJEE S H	SCIENTIST C	3460
MUKHERJEE S N	SCIENTIST C	2037
MUKHERJEE S N	SCIENTIST EI	3368
MUKHOPADHYAY A N	SCIENTIST B	3550
MULAY V N	SCIENTIST EI	2669
MULLA I S	SCIENTIST C	2038
MULLA I S	SCIENTIST B	2146
MUNIYANDI N	SCIENTIST C	2316
MUNSHI SWASTI	SCIENTIST C	3031
MURALI K R	SCIENTIST B	2404
MURALIDHAR G	SCIENTIST EI	3144
MURALIDHARAN C	SCIENTIST C	3695
MURALIDHARAN D	SCIENTIST EI	3651
MURALIDHARAN S	SCIENTIST B	2405
MURALIDHARAN V S	SCIENTIST C	2317
MURTHY B R K	SCIENTIST C	2039
MURTHY C L N	SCIENTIST C	2767
MURTHY C S	TECHNICAL OFFICER (A)	2908
MURTHY D V R	SCIENTIST B	2851
MURTHY K V R	SCIENTIST A	3609
MURTHY M MARTHANDA	SCIENTIST C	2768
MURTHY M S R	SCIENTIST C	2769
MURTHY P SATYANARAYANA	SCIENTIST EI	3145
MURTHY S KESAVA	TECHNICAL OFFICER (C)	2770
MURTHY U SURYANARAYANA	SCIENTIST C	2771
MURTI NORI KRISHNA	SCIENTIST EII	2614
MURTY B S N	SCIENTIST EI	2670
MURTY C V S	SCIENTIST EI	2671
MURTY K V R S	SCIENTIST EII	2615

NAME	DESIGNATION	BIODATA NO
MURTY M R K	SCIENTIST EI	2672
MURUGANANDHAM P	TECHNICAL OFFICER (A)	2450
MURUGESAN T	SCIENTIST B	3747
MUTHU A F	TECHNICAL OFFICER (A)	2451
MUTHU K	SCIENTIST C	2318
MUTHUKRISHNAN S	SCIENTIST C	2319
MUTHUKRISHNAN S	MECHANICAL ENGINEER (EI)	3652
MUTHUKUMARAN A	SCIENTIST C	2320
MUTHUSUBRAMANIUM LAKSHMI	SCIENTIST B	3748
MUZHUMATHI S	SCIENTIST C	2321
NADGAUDA RAJANI S	SCIENTIST EI	1905
NADGIR A L	SCIENTIST C	2040
NADKARNI VIKAS MADHUSUDAN	SCIENTIST F	1829
NAG A K	SCIENTIST C	3461
NAG D P	SCIENTIST C	3462
NAGAIAH K	SCIENTIST B	2852
NAGALINGAM M	SCIENTIST EI	2249
NAGESWAR Y V D	SCIENTIST C	2772
NAGPAL JAGMOHAN	SCIENTIST EI	3146
NAIDU A SUBBARAMA	SCIENTIST EI	3653
NAIDU B KRISHNAMA	SCIENTIST EI	3654
NAIDU R B	SCIENTIST A	2199
NAIK KANT RAO	SCIENTIST F	2594
NAIK L L	SCIENTIST C	3463
NAIK R H	SCIENTIST C	2041
NAIK R V	SCIENTIST EI	1906
NAIR BALACHANDRAN UNNI	SCIENTIST C	3696
NAIR C K SNEHALATHA	SCIENTIST C	2773
NAIR M R PRABHAKARAN	SCIENTIST C	2509
NAKKEERAN K	SCIENTIST EI	2250
NAMBIAR M K C	SCIENTIST C	3032
NAMBIAR O G B	SCIENTIST EI	1907
NAMBOODIRI P N NARAYANAN	SCIENTIST EI	2251
NAMPOOTHIRI P N	SCIENTIST EI	2969
NANDAKUMAR V	SCIENTIST C	2322
NANDI A K	SCIENTIST C	3464
NANDI S C	TECHNICAL OFFICER (A)	3093
NANDI S K	SCIENTIST C	3465
NANJUNDIAH B S	SCIENTIST EI	1908
NANOTI S M	ENGINEER (B)	3263
NARAIN HARISH	SCIENTIST C	2042
NARAIN J P	SCIENTIST B	3551
NARASIMHAM K C	SCIENTIST EII	2218

NAME	DESIGNATION	BIODATA NO
NARASIMHAN KOTUR S	DIRECTOR	3304
NARASIMHAN V LAKSHMI	SCIENTIST EI	2252
NARAYANAN K	SCIENTIST EI	2253
NARAYANAN P K	TECHNICAL OFFICER (B)	2547
NARAYANAN R	TECHNICAL OFFICER (B)	3749
NARAYANAN S	SCIENTIST EII	2616
NARENDER R	SCIENTIST B	2853
NARESH M D	TECHNICAL OFFICER (A)	3798
NARSAIAH B	SCIENTIST C	2774
NARSIMHA R	TECHNICAL OFFICER (B)	2854
NASEERUDDIN M	TECHNICAL OFFICER (A)	2909
NATARAJAN P	DIRECTOR	2454
NATARAJAN S R	SCIENTIST EII	2219
NATESAN M	SCIENTIST C	2323
NATESAN S	TECHNICAL OFFICER (B)	3750
NATH K C	SCIENTIST C	3466
NATH LOHIT	SCIENTIST C	3033
NATH M K	TECHNICAL OFFICER (B)	3552
NATH SOM	SCIENTIST C	3204
NATH SUBHAN CHANDRA	SCIENTIST C	3034
NATRAJAN N S	SCIENTIST B	2147
NATU A A	SCIENTIST EI	1909
NAUTIYAL C B	TECHNICAL OFFICER (A)	3294
NAUTIYAL P C	ENGINEER (EII)	3117
NAYAK N U	SCIENTIST C	2324
NEEMLA K D	SCIENTIST B	3264
NEGI J R	TECHNICAL OFFICER (A)	3295
NENE SANJAY	SCIENTIST EI	1910
NEOG A K	SCIENTIST C	3035
NEOG PROMOD CH	TECHNICAL OFFICER (B)	3077
NEOG VIVEKANANDA	TECHNICAL OFFICER (A)	3094
NEURGAONKER V G	SCIENTIST EI	1911
NIGAM J N	SCIENTIST EII	2944
NOEL M	SCIENTIST C	2325
OLIVANNAN M S	SCIENTIST EII	3632
OZA D H	SCIENTIST B	2548
OZA M R	SCIENTIST C	2510
OZA P M	SCIENTIST EI	2478
OZA R M	SCIENTIST EI	2479
OZARDE P S	TECHNICAL OFFICER (A)	2200
PADALKAR S R	SCIENTIST C	2043
PADHIYAR H J	SCIENTIST A	2576
PADIA K D	SCIENTIST EII	2462

NAME	DESIGNATION	BIODATA NO
PADKI M M	SCIENTIST B	2148
PADMINIDEVI P	TECHNICAL OFFICER (A)	2577
PAL MAHENDRA	SCIENTIST C	3205
PAL PREM	SCIENTIST B	3265
PAL R B	SCIENTIST C	3467
PAL RAMESH	TECHNICAL OFFICER (A)	3799
PAL SOURAV	SCIENTIST EI	1912
PALANICHAMY S	SCIENTIST EI	2254
PALANISAMY N	SCIENTIST C	2326
PALANISAMY R	SCIENTIST C	2327
PANDAY PRABHAT K	SCIENTIST EII	3118
PANDEY BIPIN	SCIENTIST EI	1913
PANDEY G	SCIENTIST EII	1845
PANDEY N K	SCIENTIST C	3206
PANDIT S B	SCIENTIST B	2149
PANDYA JAYANT B	SCIENTIST EI	2480
PANDYA R P	SCIENTIST B	2549
PANNEERSELVAM A P	TECHNICAL OFFICER (C)	3697
PANSE D G	SCIENTIST C	2044
PANSE G T	SCIENTIST EII	1846
PANSE M D	TECHNICAL OFFICER (C)	2045
PANT A	SCIENTIST EII	1847
PANT R P	SCIENTIST B	2550
PARAMANIK S C	TECHNICAL OFFICER (B)	3553
PARAMASIVAM M	SCIENTIST B	2406
PARANDE M G	SCIENTIST C	2046
PARANJAPE D V	SCIENTIST C	2047
PARANJAPE V P	SCIENTIST C	3468
PARASHARAMI V A	SCIENTIST B	2150
PARDHASARADHI M	SCIENTIST EII	2617
PARDHY SANJEEVANI AMRIT	SCIENTIST C	2048
PAREKH J M	SCIENTIST C	2511
PAREKH R G	SCIENTIST EI	2481
PARLIKAR R N	SCIENTIST G	2590
PARTHASARATHI K	SCIENTIST EI	3655
PARTHASARATHY T N	SCIENTIST EII	2618
PARTHASARATHY V K	INDUSTRIAL LIAISON OFFICER (B)	3751
PARTHIBAN G T	SCIENTIST C	2328
PARVATI K	TECHNICAL OFFICER (A)	2910
PARVATI NEELAKANTAN	SCIENTIST EI	2673
PATASKAR S G	SCIENTIST EI	1914
PATEL H N	SCIENTIST C	2512
PATEL K N	SCIENTIST C	2513

NAME	DESIGNATION	BIODATA NO
PATEL PANKAJ P	TECHNICAL OFFICER (A)	2578
PATHAK B L	TECHNICAL OFFICER (B)	3752
PATHAK GOPAL	SCIENTIST C	2049
PATHAK NAGENDRA	SCIENTIST C	2514
PATHAK TANMAYA	SCIENTIST C	2050
PATIL A S	TECHNICAL OFFICER (B)	2151
PATIL B G	SCIENTIST C	2051
PATIL G S	SCIENTIST EI	2970
PATIL K S	SCIENTIST EI	2674
PATIL S D	SCIENTIST C	2052
PATIL V B	SCIENTIST C	2053
PATOLIA J S	SCIENTIST C	2515
PATTABIRAMAN R	SCIENTIST C	2329
PATWARDHAN S A	SCIENTIST EI	1915
PATWARDHAN V R	SCIENTIST EI	1916
PATWARDHAN V S	SCIENTIST F	1830
PATWARI AKASH N	SCIENTIST EI	2675
PAUL A K	SCIENTIST C	3469
PAUL PARIMAL	SCIENTIST B	2551
PAUL R N	SCIENTIST EI	3369
PAVASKAR NEELA RAGHUNATH	SCIENTIST C	2054
PAWAR P V	TECHNICAL OFFICER (A)	2201
PENDSE A P	SCIENTIST EII	1848
PENDYALA V R	SCIENTIST EI	1917
PERIAMAYAGAM A	TECHNICAL OFFICER (A)	2452
PERIASAMY P	SCIENTIST B	2407
PERUMAL P T	SCIENTIST EI	3656
PHADKE C H	SCIENTIST C	2055
PHADNIS S H	SCIENTIST C	2056
PHANI K L N	SCIENTIST B	2408
PHATAK S D	SCIENTIST EI	3147
PHUKAN A C	SCIENTIST C	3036
PHUKAN PARAN	SCIENTIST C	3037
PHULL P S	TECHNICAL OFFICER (B)	3266
PILLAI K RAVINDRANATHAN	SCIENTIST EII	2945
PIRES J A	TECHNICAL OFFICER (B)	2152
PITCHUMANI S	SCIENTIST C	2330
POL ASHWINI VINAYAK	SCIENTIST C	2057
PONRATHNAM SURENDRA	SCIENTIST EI	1918
POPAT K M	TECHNICAL OFFICER (A)	2579
PORE V S	TECHNICAL OFFICER (B)	2153
PORTION STANLEY	TECHNICAL OFFICER (C)	3207
POTDAR H S	SCIENTIST C	2058

NAME	DESIGNATION	BIODATA NO
PRABHAKARAN G	SCIENTIST B	2154
PRABHU M MANIK	TECHNICAL OFFICER (EI)	2676
PRABHU R	SCIENTIST B	3753
PRABHUNE ASMITA	SCIENTIST B	2155
PRADHAN D B	TECHNICAL OFFICER (B)	2156
PRADHAN SHIRISH DATTATRAY	SCIENTIST EI	1919
PRAJAPATI DIPAK	SCIENTIST C	3038
PRAJAPATI M N	SCIENTIST EI	2482
PRAKASAM REDDY SHETHY	SCIENTIST B	3078
PRAKASH K BHANU	SCIENTIST C	2775
PRAKASH K V L N	SCIENTIST EI	2677
PRAKASH KRUPA DEVI OM	SCIENTIST C	2776
PRASAD A R	SCIENTIST C	2777
PRASAD A SIVA	SCIENTIST EI	2678
PRASAD B G S	SCIENTIST C	3698
PRASAD C S N	SCIENTIST B	2855
PRASAD D H L	SCIENTIST EI	2679
PRASAD GOVIND	SCIENTIST C	3039
PRASAD GURU	TECHNICAL OFFICER (A)	3296
PRASAD H L	SCIENTIST C	3470
PRASAD J V	SCIENTIST C	2778
PRASAD K B S	SCIENTIST EI	2680
PRASAD K H V	SCIENTIST C	2779
PRASAD K HARI HARA	DOCUMENTATION OFFICER (EI)	2681
PRASAD K V	SCIENTIST C	2331
PRASAD MITHILESH	SCIENTIST C	3471
PRASAD P RAVI	SCIENTIST C	2780
PRASAD P S SAI	SCIENTIST EI	2682
PRASAD R B N	SCIENTIST EI	2683
PRASAD R R	SCIENTIST A	3610
PRASAD RAMESHWAR	ENGINEER (C)	3208
PRASAD S	SCIENTIST A	3611
PRASAD S D	SCIENTIST EI	1920
PRASAD SHRIRAM	SCIENTIST B	3079
PRASAD T E VITTAL	SCIENTIST EI	2684
PRASAD V S KISHAN	TECHNICAL OFFICER (B)	2856
PRATHIBA V	TECHNICAL OFFICER (A)	3800
PUNDIR B P	ENGINEER (EII)	3119
PUNDLE A V	SCIENTIST C	2059
PUNTAMBEKAR U S	SCIENTIST C	2060
PURANIK A K	SCIENTIST B	2157
PURANIK V G	SCIENTIST B	2158
PUROHIT R C	SCIENTIST C	3209

NAME	DESIGNATION	BIODATA NO
PURUSHOTHAM HANUMANTU	SCIENTIST C	3699
PUSHPANATHAN P	TECHNICAL OFFICER (B)	3754
PUSHPAVANAM MALATHY	SCIENTIST C	2332
PUSHPAVANAM S	SCIENTIST EI	2255
PUVANAKRISHNAN R	SCIENTIST EI	3657
RADHAKRISHAN G	SCIENTIST B	2409
RADHAKRISHNA I	SCIENTIST C	2333
RADHAKRISHNAMURTY P	SCIENTIST EI	2256
RADHAKRISHNAN GANGA	SCIENTIST EII	3633
RADHAKRISHNAN K	SCIENTIST C	2781
RADHAKRISHNAN N	TECHNICAL OFFICER (B)	2410
RADHAKRISHNAN S	SCIENTIST EI	1921
RAGHAVAN K V	SCIENTIST H	3622
RAGHAVAN M	SCIENTIST EII	2220
RAGHAVAN S T	SCIENTIST B	3554
RAGHAVENDRAN N S	SCIENTIST EI	2257
RAGHAVENDRAN P R	DOCUMENTATION OFFICER (B)	3755
RAGHUNANDANAN K S	SCIENTIST EI	2685
RAGHUPATHY K	SCIENTIST C	2334
RAGHUVIR M	SCIENTIST B	2857
RAHMAN A N EHSANUR	SCIENTIST EI	2686
RAHMAN AZIZUR	TECHNICAL OFFICER (B)	3080
RAHMAN MOHAMAD FAZAL	SCIENTIST EII	2619
RAI C LAJAPATHI	SCIENTIST B	3756
RAI J R	ENGINEER (EI)	3148
RAI R U	SCIENTIST EI	3370
RAJ B THANGA	TECHNICAL OFFICER (A)	3801
RAJ I ARUL	SCIENTIST C	2335
RAJA K	SCIENTIST EII	3322
RAJAGOPAL C	TECHNICAL OFFICER (EI)	2258
RAJAGOPAL D	TECHNICAL OFFICER (A)	2911
RAJAGOPAL G	SCIENTIST C	2336
RAJAGOPALAN C SRIVIDYA	SCIENTIST EI	2259
RAJAGOPALAN K	TECHNICAL OFFICER (B)	2858
RAJAGOPALAN N	TECHNICAL OFFICER (B)	2411
RAJAGOPALAN V	SCIENTIST C	2782
RAJAKUMAR G SUSEELA	SCIENTIST C	3700
RAJALINGAM P	SCIENTIST B	3757
RAJAM K	TECHNICAL OFFICER (B)	3758
RAJAMANI S	SCIENTIST EII	3634
RAJAMANI T R	SCIENTIST C	2337
RAJAMOHANAN P R	SCIENTIST B	2159
RAJAN C R	SCIENTIST C	2061

NAME	DESIGNATION	BIODATA NO
RAJAN S T	SCIENTIST EI	2483
RAJARAM RAMA	SCIENTIST C	3701
RAJARAMAN A	SCIENTIST C	3702
RAJARAMAN J	SCIENTIST C	3703
RAJARAMAN R	TECHNICAL OFFICER (A)	3802
RAJASEKAR R	SCIENTIST B	2412
RAJENDRAN R	SCIENTIST C	3704
RAJIAH A	SCIENTIST EII	2620
RAJIAH T	SCIENTIST B	2859
RAJKHOWA PROBIN CHANDRA	SCIENTIST EI	2971
RAJPUT A M	SCIENTIST C	2062
RAJU C RAMA CHANDRA	TECHNICAL OFFICER (B)	2860
RAJU K RAMAKRISHNAM	TECHNICAL OFFICER (A)	2912
RAJU K V S N	SCIENTIST B	2861
RAJU M	SCIENTIST B	2413
RAJU N PRASADA	TECHNICAL OFFICER (B)	2862
RAJU P V K	TECHNICAL OFFICER (A)	2913
RAJU S V S	SCIENTIST C	2783
RAJU T	SCIENTIST B	2414
RAM L C	SCIENTIST C	3472
RAM MANGE	SCIENTIST C	3210
RAM N GANGA	TECHNICAL OFFICER (A)	2914
RAM RAMESWAR	ASSISTANT EXECUTIVE ENGINEER (B)	3555
RAM S	SCIENTIST A	3612
RAM YAD	SCIENTIST B	3267
RAMABRAHAMAM B V	SCIENTIST C	3705
RAMACHANDRAIAH G	SCIENTIST C	2516
RAMACHANDRAN P	SCIENTIST C	2338
RAMACHANDRAN SUHASINI	SCIENTIST EI	2687
RAMAIAH M SUNDARA	SCIENTIST EI	2688
RAMAKRISHNA DHULIPUDI	TECHNICAL OFFICER (B)	2863
RAMAKRISHNA M	SCIENTIST EI	2689
RAMAKRISHNAN K R	SCIENTIST EI	2260
RAMAKRISHNAN M	SCIENTIST C	2339
RAMAKRISHNAN P	WORKS-IN-CHARGE (EI)	3658
RAMAKRISHNAN S	ENGINEER (EI)	3659
RAMAKRISHNAN VIJAYLAKSHMI	TECHNICAL OFFICER (B)	2415
RAMAKRISHNIAH P	SCIENTIST EI	2690
RAMALINGAM S	SCIENTIST B	3759
RAMALINGAM T	SCIENTIST C	2784
RAMAMOORTHY S	SCIENTIST EI	2261
RAMAMURTHY ALEMELU	TECHNICAL OFFICER (B)	2416
RAMAN R	TECHNICAL OFFICER (B)	2417

NAME	DESIGNATION	BIODATA NO
RAMAN T M R	TECHNICAL OFFICER (B)	3760
RAMAN VIDYALAKSHMI	SCIENTIST B	2418
RAMANAMURTHY K V	TECHNICAL OFFICER (A)	2915
RAMANAYYA K V	SCIENTIST EI	2691
RAMANI C V	TECHNICAL OFFICER (B)	2419
RAMANUJAM R ALWAR	SCIENTIST C	3706
RAMANUJULU D	TECHNICAL OFFICER (B)	3761
RAMASAMI T	SCIENTIST F	3625
RAMASAMY R	TECHNICAL OFFICER (B)	2420
RAMASWAMY A V	SCIENTIST EII	1849
RAMASWAMY VEDA	SCIENTIST C	2063
RAMAVAT B K	SCIENTIST B	2552
RAMDASI S S	SCIENTIST C	2064
RAMESH D VIJAYA	SCIENTIST C	3707
RAMU S	SCIENTIST C	2340
RAMULU C P	SCIENTIST C	2785
RANADE V R	SCIENTIST EII	1850
RANADE V V	SCIENTIST C	2065
RANGACHARI LAKSHMI	SCIENTIST B	3762
RANGANAYAKI M D	SCIENTIST EI	3660
RANGARAJAN N	SCIENTIST EI	2262
RANGARAJAN R	SCIENTIST EII	2463
RANGASWAMY K V	SCIENTIST EI	2263
RANGREZ UDAY	TECHNICAL OFFICER (B)	2864
RANI K YAMUNA	SCIENTIST B	2865
RANI P USHA	SCIENTIST C	2786
RANJEKAR P K	SCIENTIST F	1831
RAO A BHASKAR	SCIENTIST C	2787
RAO A NARASIMHA	TECHNICAL OFFICER (A)	2916
RAO A PRAKASH	SCIENTIST B	2553
RAO A RAMACHANDRA	TECHNICAL OFFICER (A)	2917
RAO A SUDHAKAR	SCIENTIST EI	2692
RAO A V RAMA	DIRECTOR	2588
RAO ADAPA SRINIVASA	SCIENTIST EI	2693
RAO B BHOOLOKA	SCIENTIST C	2788
RAO B PRAKASH	TECHNICAL OFFICER (B)	2866
RAO B RAMA	SCIENTIST B	2867
RAO B S	SCIENTIST EI	1922
RAO B S	SCIENTIST C	2789
RAO B SEETARAMA	SCIENTIST C	2066
RAO B VENKATASWARA	SCIENTIST C	2790
RAO B VITTAL	SCIENTIST C	2791
RAO C LAKSHMI KANTH	SCIENTIST B	2868

NAME	DESIGNATION	BIODATA NO
RAO C PULINDA	SCIENTIST C	3708
RAO D MADHUSUDAN	SCIENTIST EI	2694
RAO D RAGHUNATHA	TECHNICAL OFFICER (C)	3709
RAO D V MOHAN	SCIENTIST C	2792
RAO E V R HANUMANTH	TECHNICAL OFFICER (A)	2918
RAO G K VISWANADHA	TECHNICAL OFFICER (B)	2869
RAO G PRABHAKARA	SCIENTIST F	2207
RAO G RAJESHWAR	TECHNICAL OFFICER (B)	2870
RAO G RAMA	SCIENTIST EI	2695
RAO G S TRIVIKRANA	SCIENTIST C	2793
RAO G V SUBHA	DIRECTOR	2205
RAO I BALKISHAN	SCIENTIST EI	2696
RAO J MADHUSUDANA	SCIENTIST EII	2621
RAO J S R KRISHNA	TECHNICAL OFFICER (C)	2794
RAO J VENKATESWARA	SCIENTIST C	2795
RAO K BABU	SCIENTIST EI	2697
RAO K BALAKRISHNA	SCIENTIST EI	2698
RAO K HARI	TECHNICAL OFFICER (A)	2453
RAO K KAMESWARA	SCIENTIST C	2796
RAO K KOTESWARA	TECHNICAL OFFICER (B)	2871
RAO K NAGARAJAN	SCIENTIST EI	2264
RAO K PANDURANGA	SCIENTIST EII	3635
RAO K RAJESHWAR	SCIENTIST EI	2699
RAO K RAMA	SCIENTIST EI	2484
RAO K RAMA	SCIENTIST EI	2700
RAO K RAMACHANDRA	TECHNICAL OFFICER (B)	2872
RAO K S	SCIENTIST C	3473
RAO K S RAMA	SCIENTIST B	2873
RAO K SARJUNA	SCIENTIST EI	3661
RAO K SITA RAMA	TECHNICAL OFFICER (A)	2919
RAO K V S A	SCIENTIST C	2797
RAO K VENKATESWARA	SCIENTIST EI	2972
RAO M G V CHALAPATI	SCIENTIST C	2798
RAO M GOVIND	SCIENTIST EI	2701
RAO M MOHAN	SCIENTIST B	2421
RAO M NARAYANA	SCIENTIST EI	2702
RAO M PANDURANGA	SCIENTIST EII	2622
RAO M SREENIVASA	SCIENTIST B	2874
RAO M SUBBA	SCIENTIST B	3763
RAO M V RAMANA	SCIENTIST EII	2623
RAO M VENKATESWARA	TECHNICAL OFFICER (B)	2875
RAO MALA	SCIENTIST EI	1923
RAO N MURALIDHARA	SCIENTIST EII	3636

NAME	DESIGNATION	BIODATA NO
RAO N NAGESWARA	SCIENTIST B	2554
RAO N RAMA	TECHNICAL OFFICER (C)	2799
RAO P BASAVESWARA	TECHNICAL OFFICER (B)	2876
RAO P G	SCIENTIST EII	3637
RAO P KANTA	SCIENTIST B	2877
RAO P PADMANABHA	SCIENTIST A	3803
RAO P RAMA	SCIENTIST B	2878
RAO P RAMAKRISHNA	TECHNICAL OFFICER (A)	2920
RAO P SAMBASIVA	TECHNICAL OFFICER (C)	3710
RAO P SHANTHAN	SCIENTIST C	2800
RAO P V RAMALINGESWARA	TECHNICAL OFFICER (B)	2879
RAO P V SUBBA	SCIENTIST C	2517
RAO P VENKATESWARA	TECHNICAL OFFICER (A)	2921
RAO R NAGESWARA	SCIENTIST C	2801
RAO R VITTAL	SCIENTIST EI	2703
RAO S G V S PANDURANGA	SCIENTIST C	3711
RAO S KONDALA	SCIENTIST F	2595
RAO S NITYANANDA	SCIENTIST B	2555
RAO S PRAHLADA	SCIENTIST C	2802
RAO S R K	SCIENTIST B	3556
RAO S SHAM	TECHNICAL OFFICER (C)	2803
RAO S SUBBA	SCIENTIST EI	3662
RAO S V SUBBA	TECHNICAL OFFICER (B)	2880
RAO S VENKATESHWAR	SCIENTIST C	2804
RAO T CHANDRA SEKHAR	SCIENTIST B	2881
RAO T S R PRASADA	DIRECTOR	3097
RAO V J	SCIENTIST EI	2704
RAO V JAYATHIRTHA	SCIENTIST C	2805
RAO V S SUNDARA	SCIENTIST EII	3638
RAO V VENKAT	SCIENTIST EI	2705
RAO Y BHASKAR	SCIENTIST EII	2624
RAO Y L NARSIMHA	SCIENTIST B	2882
RAO Y NAGESWAR	SCIENTIST B	2883
RASHEED A A	SCIENTIST EI	2706
RASTOGI R C	SCIENTIST EII	2946
RATHINASAMY. V	SCIENTIST B	3764
RATNAM K JEEVA	SCIENTIST C	2806
RATNAM RAMA	SCIENTIST B	2160
RATNASAMY P	SCIENTIST (DIRECTOR'S GRADE)	1820
RAUT K G	SCIENTIST C	2067
RAVAL BHARAT LAXMAN PRASAD	ASSISTANT EXECUTIVE ENGINEER (A)	2580
RAVAL M K	SCIENTIST B	2556
RAVETKAR DILIP D	SCIENTIST EI	1924

NAME	DESIGNATION	BIODATA NO
RAVI S RAMANATH	SCIENTIST C	2341
RAVINDRAN VISALAKSHI	TECHNICAL OFFICER (B)	2422
RAVINDRANATH E	SCIENTIST B	3765
RAVINDRANATH G	SCIENTIST C	2807
RAVINDRANATH K	SCIENTIST C	2808
RAVINDRANATHAN T	SCIENTIST F	1832
RAWAL S K	SCIENTIST EI	1925
RAWAT B S	SCIENTIST EII	3120
RAWAT DAYAL SINGH	SCIENTIST EI	3149
RAY NIRMALYA	SCIENTIST C	3211
RAY P K	SCIENTIST C	3474
RAY PARAMITA	SCIENTIST B	2557
RAY SUBHASH CHANDRA	SCIENTIST EI	3371
RAZVI MEHBOOB	SCIENTIST C	2809
REDDY A KRISHNA	SCIENTIST EI	2707
REDDY A VENKATA RAMI	SCIENTIST B	2558
REDDY B BAL	SCIENTIST EI	2708
REDDY B MAHIPAL	SCIENTIST C	2810
REDDY B SIVARAMI	SCIENTIST EI	3663
REDDY G LAXMA	SCIENTIST EI	2709
REDDY G NARSIMHA	SCIENTIST C	2811
REDDY G VENKATARAMANA	SCIENTIST C	3712
REDDY K BHUPAL	TECHNICAL OFFICER (B)	2884
REDDY K VENKAT	SCIENTIST EII	2625
REDDY M NARAYAN	SCIENTIST F	2596
REDDY M P	SCIENTIST C	2518
REDDY M RAMI	TECHNICAL OFFICER (B)	2885
REDDY MUKUNDA	TECHNICAL OFFICER (A)	2922
REDDY N KISHAN	SCIENTIST EI	2710
REDDY NARSIMHA	SCIENTIST B	2886
REDDY P J	SCIENTIST F	2597
REDDY P NEELAKANTA	TECHNICAL OFFICER (A)	3804
REDDY R KONDA	SCIENTIST EI	2711
REDDY S CHANDRA	TECHNICAL OFFICER (A)	2923
REDDY S NARAYAN	SCIENTIST EI	2712
REDDY T KRISHNA	SCIENTIST F	2598
REDDY USHA VIRENDRA	SCIENTIST C	2812
REDDY V V NARAYANA	SCIENTIST EI	2713
RELE MEENAKSHI V	SCIENTIST EI	1926
RENGANATHAN N G	SCIENTIST C	2342
RENGARAJAN V	SCIENTIST C	2343
RENGASWAMY N S	SCIENTIST EI	2265
RENUKA A	SCIENTIST B	2423

NAME	DESIGNATION	BIODATA NO
RETHINARAJ PRABHAKAR J	SCIENTIST B	2424
RIYAZUDDIN M	TECHNICAL OFFICER (A)	2924
RIZVI S A A	SCIENTIST EI	2973
RODE C V	SCIENTIST C	2068
ROJATKAR S R	SCIENTIST B	2161
ROOSEVELT D S	ENGINEER (EI)	3664
ROSE C	SCIENTIST B	3766
ROY A K	SCIENTIST EI	3372
ROY A K	SCIENTIST C	3475
ROY AMIYA KUMAR	SCIENTIST A	3613
ROY APURBA KUMAR	SCIENTIST B	3557
ROY B	SCIENTIST A	3614
ROY DEB KUMAR	SCIENTIST C	3476
ROY MANOJ K	SCIENTIST EI	2974
ROY N N	SCIENTIST B	3558
ROY PARTHA SARATHI	SCIENTIST C	2069
ROY R A	TECHNICAL OFFICER (C)	3477
ROY R R P	SCIENTIST C	3478
ROY RABINDRA NATH	ENGINEER (EI)	3150
ROY S K	SCIENTIST EII	3323
ROY S K	SCIENTIST A	3615
ROY SAKTIMAYEE MITRA	SCIENTIST C	2813
ROY SAMIR KUMAR	TECHNICAL OFFICER (A)	2925
ROY SHYAM KISHORE	SCIENTIST C	3479
ROY SISIR KUMAR	SCIENTIST EII	3324
ROY SUJIT	SCIENTIST C	2814
ROY SUJIT	SCIENTIST C	2815
ROY SUNIL KUMAR	SCIENTIST C	3480
ROY T K	SCIENTIST C	3481
RUDRA S R	TECHNICAL OFFICER (B)	3559
SABAPATHI R	SCIENTIST C	2344
SABARATHINAM R M	SCIENTIST B	2425
SABNE M B	SCIENTIST C	2070
SADANANDAM Y S	SCIENTIST EII	2626
SADASIVUDU D	SCIENTIST EI	2714
SADHUKHAN T K	SCIENTIST B	3560
SADIQ M D	SCIENTIST B	3767
SADULLA S	SCIENTIST EI	3665
SAGU M L	SCIENTIST EII	3121
SAH S N	WORKSHOP SUPERINTENDENT (EI)	2485
SAHA ANIL KUMAR	TECHNICAL OFFICER (B)	2559
SAHA B N	SCIENTIST C	3040
SAHA RADHASYAM	SCIENTIST EI	3373

NAME	DESIGNATION	BIODATA NO
SAHASRABUDHE A B	SCIENTIST EI	1927
SAHASRABUDHE N A	SCIENTIST C	2071
SAIBABU K B S	SCIENTIST EI	2715
SAIKIA BIMAL CHANDRA	SCIENTIST B	3081
SAIKIA C N	SCIENTIST EII	2947
SAIKIA D C	TECHNICAL OFFICER (B)	3082
SAIKIA M C	SCIENTIST A	3616
SAIKIA M M	SCIENTIST EII	2948
SAIKIA N	SCIENTIST A	3095
SAIKIA P C	SCIENTIST C	3041
SAIKIA TORUN CHANDRA	TECHNICAL OFFICER (C)	3042
SAIKUMAR C	SCIENTIST C	3713
SAIN BIR	SCIENTIST C	3212
SAINANI M N	SCIENTIST C	2072
SAINI D R	SCIENTIST C	2073
SAINI VIRENDER SINGH	SCIENTIST C	3213
SAINKAR S R	SCIENTIST EI	1928
SAJJAD SYED MOHD	TECHNICAL OFFICER (A)	2926
SALVAPATI G S	SCIENTIST EI	2716
SAMANTA D K	SCIENTIST B	3561
SAMIVELU N	TECHNICAL OFFICER (EI)	3666
SAMUEL AUTADE GEORGE	SCIENTIST C	2074
SAMUEL P	SCIENTIST EII	3325
SAMUEL THOMAS	SCIENTIST C	2816
SANDHU J S	SCIENTIST EII	2949
SANE M G	SCIENTIST EI	1929
SANJEEVI R	SCIENTIST C	3714
SANKAR R	TECHNICAL OFFICER (B)	2426
SANKARAM A V B	SCIENTIST EII	2627
SANSARE S D	SCIENTIST EI	1930
SANYAL B	SCIENTIST A	3617
SANYAL P K	SCIENTIST B	3562
SARAIYA UPENDRA PADMAKANT	TECHNICAL OFFICER (A)	2581
SARANGAPANI K B	SCIENTIST B	2427
SARANGI KADAMBANI	SCIENTIST B	2560
SARASWATHY V	SCIENTIST B	2428
SARAVANAN P	SCIENTIST B	3768
SARKAR ABHIJIT	SCIENTIST B	3563
SARKAR AMITABHA	SCIENTIST C	2075
SARKAR N B	SCIENTIST C	3482
SARKAR P C	SCIENTIST B	3564
SARKAR S K	SCIENTIST EI	3667
SARKAR S R	SCIENTIST EI	3374

NAME	DESIGNATION	BIODATA NO
SARKAR SUKUMAR	SCIENTIST C	3483
SARKER P K	SCIENTIST C	3484
SARMA ARUN KUMAR	TECHNICAL OFFICER (C)	3043
SARMA J A R P	SCIENTIST C	2817
SARMA J C	SCIENTIST C	3044
SARMA P C	SCIENTIST C	3045
SARMA P C	SCIENTIST C	3046
SARMA TARUN CHANDRA	SCIENTIST EI	2975
SARMAH PARIJAT	SCIENTIST B	3083
SARNA G S	SCIENTIST C	3214
SAROWHA S L S	SCIENTIST B	3268
SASIREKA A	SCIENTIST B	3769
SASTRY A R K	TECHNICAL OFFICER (B)	2887
SASTRY G S R	SCIENTIST EI	2717
SASTRY M	SCIENTIST C	2076
SASTRY T P	TECHNICAL OFFICER (A)	3805
SASTRY V R K	ENGINEER (EI)	3151
SASTRY Y SITA RAMA	SCIENTIST EI	2718
SATHAIYAN N	SCIENTIST C	2345
SATHANARAYANAN S	SCIENTIST B	2429
SATHAYE S D	SCIENTIST EI	1931
SATHE V T	SCIENTIST B	2162
SATHIANANDHAM B	TECHNICAL OFFICER (EI)	2266
SATYAM K	TECHNICAL OFFICER (B)	2888
SATYANARAYANA A	SCIENTIST EI	2719
SATYANARAYANA ARIVENI	TECHNICAL OFFICER (A)	2927
SATYANARAYANA K	SCIENTIST B	3084
SATYANARAYANA M N	SCIENTIST EI	2720
SATYANARAYANA V	TECHNICAL OFFICER (A)	2928
SAWAIKAR D D	SCIENTIST B	2163
SAXENA A K	TECHNICAL OFFICER (A)	3297
SAXENA ALOK KUMAR	ENGINEER (C)	3215
SAXENA M P	SCIENTIST EI	3152
SAXENA MUKESH	ENGINEER (EI)	3153
SAXENA P K	SCIENTIST C	2077
SAXENA V S	SCIENTIST EI	3375
SEETA LAXMAN R	SCIENTIST C	2078
SEHGAL P K	SCIENTIST EI	3668
SEHRA J C	SCIENTIST EII	1851
SEKAR R	SCIENTIST B	2889
SEKARAN G	SCIENTIST C	3715
SELVAKESAVAN A	SCIENTIST EI	2267
SELVAM M	SCIENTIST C	2346

NAME	DESIGNATION	BIODATA NO
SELVARAJ M	SCIENTIST B	2430
SEMWAL P B	SCIENTIST C	3216
SEMWAL U D	TECHNICAL OFFICER (A)	3298
SEN KALYAN	SCIENTIST F	3307
SEN MEERA	SCIENTIST C	3485
SEN SAMIR	SCIENTIST EII	3326
SEN SUBHASIS	SCIENTIST EII	3327
SEN UTPAL	SCIENTIST EI	2268
SENGUPTA A K	SCIENTIST A	3618
SENGUPTA A N	SCIENTIST EI	3376
SENGUPTA ALOKANANDA	SCIENTIST C	3047
SENGUPTA P K	SCIENTIST A	3619
SENGUPTA PARTHA	SCIENTIST C	3486
SENGUPTA PINAKI	SCIENTIST C	3048
SENGUPTA SIDDHARTHA	SCIENTIST EII	3328
SESHADRI C	TECHNICAL OFFICER (B)	2431
SETH A K	SCIENTIST B	3565
SEWAK HARBANS SINGH	TECHNICAL OFFICER (B)	3269
SHAH A A	TECHNICAL OFFICER (B)	2561
SHAH A M	SCIENTIST C	2519
SHAH B G	TECHNICAL OFFICER (A)	2582
SHAH B L	SCIENTIST C	3487
SHAH B M	SCIENTIST C	2520
SHAH CHANDAN M	SCIENTIST B	2164
SHAH H N	SCIENTIST EI	2486
SHAH PREM RAJ	SCIENTIST EII	2628
SHAH S C	TECHNICAL OFFICER (A)	2202
SHAH V G	SCIENTIST C	2079
SHAH VIRENDRAKUMAR JAYANTILAL	SCIENTIST EII	2464
SHAHAPURE G D	SCIENTIST B	2165
SHAILABH	SCIENTIST B	3566
SHANBHOGUE H VENKATESHA	SCIENTIST C	2347
SHANKAR V	SCIENTIST EI	1932
SHANKARAIAH B	SCIENTIST C	2818
SHANKER UMA	SCIENTIST EI	3154
SHANMUGAM N	TECHNICAL OFFICER (B)	2432
SHANMUGAM N V	SCIENTIST C	2348
SHANMUGASUNDARAM V A	SCIENTIST B	3770
SHANMUGHASUNDARAM K A	SCIENTIST A	3806
SHARAN K M	SCIENTIST EII	3122
SHARMA A K	SCIENTIST B	3567
SHARMA A K	SCIENTIST B	3568
SHARMA ANSHU	SCIENTIST B	3270

NAME	DESIGNATION	BIODATA NO
SHARMA B K	SCIENTIST C	3488
SHARMA BASANTA KUMAR	TECHNICAL OFFICER (A)	3096
SHARMA DIN DAYAL	TECHNICAL OFFICER (C)	3217
SHARMA G P	TECHNICAL OFFICER (A)	3299
SHARMA G V MADHAVA	SCIENTIST C	2819
SHARMA G V R	TECHNICAL OFFICER (B)	2890
SHARMA GANESA V	SCIENTIST C	2349
SHARMA H P	SCIENTIST EI	2976
SHARMA H R S	EXECUTIVE ENGINEER (C)	3218
SHARMA J P S	SCIENTIST B	3271
SHARMA JANARDAN	SCIENTIST C	3219
SHARMA K G	TECHNICAL OFFICER (A)	3300
SHARMA K P	SCIENTIST EI	3377
SHARMA L D	SCIENTIST C	3220
SHARMA M N	TECHNICAL OFFICER (A)	3301
SHARMA M P	SCIENTIST C	3489
SHARMA O P	SCIENTIST C	3490
SHARMA P D	SCIENTIST B	2891
SHARMA P K	SCIENTIST C	3221
SHARMA P L	SCIENTIST C	3491
SHARMA PONNAPALLI NAGESWARA	SCIENTIST EI	2721
SHARMA R L	SCIENTIST C	3222
SHARMA R N	SCIENTIST EII	1852
SHARMA R N	TECHNICAL OFFICER (EI)	2722
SHARMA R N	SCIENTIST C	3049
SHARMA RABIN KUMAR	SCIENTIST EI	2977
SHARMA RAVI KUMAR	ENGINEER (EI)	3155
SHARMA S K	SCIENTIST B	3272
SHARMA S N	SCIENTIST C	3223
SHARMA U N	TECHNICAL OFFICER (B)	3569
SHARMA V K	TECHNICAL OFFICER (B)	2166
SHARMA V P	ENGINEER (C)	3224
SHARMA V PADMANABHA	TECHNICAL OFFICER (A)	2929
SHARMA Y K	SCIENTIST B	3273
SHERWOOD D	SCIENTIST B	2562
SHETH VINOD MANSUKHLAL	SCIENTIST EII	2465
SHETHIA B D	TECHNICAL OFFICER (A)	2583
SHETTY MEERA M	SCIENTIST C	2820
SHINDE B M	SCIENTIST C	2080
SHINDE R F	SCIENTIST B	2167
SHINDE R W	SCIENTIST B	2168
SHINGANKULI V L	SCIENTIST B	2169
SHINTRE SATISH NARAYAN	SCIENTIST EI	1933

NAME	DESIGNATION	BIODATA NO
SHIRADKAR S	SCIENTIST C	2821
SHIRALKAR V P	SCIENTIST EI	1934
SHIRGURKAR M V	TECHNICAL OFFICER (B)	2170
SHIVAJI K	SCIENTIST C	2822
SHIVAKUMAR I	SCIENTIST C	2081
SHIVASHANMUGAM A	SCIENTIST B	2433
SHRIDHAR G P	SCIENTIST B	2171
SHROTRI J J	SCIENTIST C	2082
SHUKLA B M	ENGINEER (C)	3225
SHUKLA D B	SCIENTIST C	2521
SHUKLA D S	SCIENTIST C	3226
SHUKLA PARSHURAM G	SCIENTIST B	2172
SHUKLA R S	SCIENTIST C	2522
SHUKLA VISHUNU SWAROOP	SCIENTIST EI	2978
SIDDHANTA A K	SCIENTIST B	2563
SIDDIQUI M K J	SCIENTIST C	2823
SIDDIQUI M R H	SCIENTIST B	2564
SINGAL SATISH KUMAR	ENGINEER (C)	3227
SINGH A K	SCIENTIST A	3302
SINGH A P	SCIENTIST C	2083
SINGH A P	SCIENTIST B	3570
SINGH ASHOK KUMAR	SCIENTIST EI	2723
SINGH BALDEV	SCIENTIST B	3571
SINGH BRIJENDRA	SCIENTIST A	3807
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SINGH CHARAN	TECHNICAL OFFICER (A)	3808
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SINGH JANARDAN	SCIENTIST C	3492
SINGH JASBIR	TECHNICAL OFFICER (C)	3228
SINGH K SANAJAOBA	SCIENTIST C	3050
SINGH KEDAR PRASAD	SCIENTIST EI	2979
SINGH KUNDA	SCIENTIST F	3308
SINGH NISHAN	ENGINEER (C)	3229
SINGH PRABHAT	SCIENTIST EI	1935
SINGH R S	SCIENTIST EI	2980
SINGH RAJPAL	SCIENTIST C	2084

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SINGH RAMENDRA	SCIENTIST C	3494
SINGH RAVENDRA PAL	SCIENTIST EI	2981
SINGH S P	SCIENTIST A	3620
SINGH SHASHI MANGAL	SCIENTIST EI	3378
SINGH SHRIRAM	SCIENTIST B	3572
SINGH T N	ENGINEER (EII)	3124
SINGHAL SUDHIR	SCIENTIST G	3098
SINGHAMONI SUBHASHINI	SCIENTIST EI	2724
SINHA B B	SCIENTIST C	3495
SINHA B P	SCIENTIST C	3496
SINHA BALRAM	SCIENTIST B	3573
SINHA BHARATI	SCIENTIST C	2085
SINHA JAGADISH	SCIENTIST B	3574
SINHA P N	SCIENTIST B	3575
SINHA R N P	SCIENTIST B	3576
SISTA VENKAT RAO	SCIENTIST F	3099
SITADEVI K	SCIENTIST C	2824
SITARAM M V D	SCIENTIST EI	2982
SITARAMAM B S	SCIENTIST C	2825
SIVADASAN LATHA	SCIENTIST C	2086
SIVAJI L V	SCIENTIST C	2826
SIVAJYOTHI J LAKSHMI	SCIENTIST C	3717
SIVAPARVATHI M	SCIENTIST EI	3669
SIVARAM S	SCIENTIST F	1833
SIVARAMAN H	SCIENTIST EI	1936
SIVASANKER SUBRAMANIAN	SCIENTIST EII	1853
SOBBANNA BOPPANNA	TECHNICAL OFFICER (EI)	2725
SOGANI N K	SCIENTIST EI	2726
SONI H S	SCIENTIST EI	1937
SONSALE A Y	SCIENTIST C	2087
SOUNDARARAJAN S	SCIENTIST EI	1938
SOZHAN G	SCIENTIST B	2435
SRIDHAR V	SCIENTIST B	3772
SRIDHARAN M R	SCIENTIST B	3773
SRIDHARNATH B	SCIENTIST B	3774
SRIHARI V	SCIENTIST EII	2629
SRIKANTAN S	TECHNICAL OFFICER (B)	2436
SRINIVAS DARBHA	SCIENTIST C	2523
SRINIVAS R	SCIENTIST C	2827
SRINIVASAN G N	SCIENTIST C	2350
SRINIVASAN K N	SCIENTIST C	2351
SRINIVASAN K R	SCIENTIST EI	1939

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SRINIVASAN K S V	SCIENTIST EII	3639
SRINIVASAN K V	SCIENTIST EI	1940
SRINIVASAN KANAKAM	SCIENTIST EI	2269
SRINIVASAN L K	SCIENTIST C	2352
SRINIVASAN M C	SCIENTIST F	1834
SRINIVASAN MALATHI	SCIENTIST B	3775
SRINIVASAN R	SCIENTIST C	2353
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SRINIVASAN S R	SCIENTIST EII	1854
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SRIVASTAVA N B	TECHNICAL OFFICER (A)	2931
SRIVASTAVA O K	SCIENTIST EII	2466
SRIVASTAVA R C	SCIENTIST EI	2983
SRIVASTAVA S K	SCIENTIST C	3497
SRIVASTAVA S L	SCIENTIST B	3776
SRIVASTAVA S P	SCIENTIST C	3230
SRIVEERARAGHAVAN S	TECHNICAL OFFICER (C)	2355
SUBBARAMAIAH K	SCIENTIST EI	2487
SUBBARAMAN S	ENGINEER (C)	3719
SUBBARAO C V	TECHNICAL OFFICER (EI)	2727
SUBBIAH P	SCIENTIST EI	2270
SUBBIAH P	TECHNICAL OFFICER (C)	2356
SUBRAHMANYAM B	SCIENTIST EII	2950
SUBRAHMANYAM M	SCIENTIST EI	2728
SUBRAHMANYAM M S	SCIENTIST EI	2729
SUBRAMANIAN G	TECHNICAL OFFICER (C)	2357
SUBRAMANIAN G	SCIENTIST B	2438
SUBRAMANIAN GOMATHI HARIHAR	SCIENTIST C	2358
SUBRAMANIAN K	SCIENTIST C	2359
SUBRAMANIAN L	TECHNICAL OFFICER (B)	3777
SUBRAMANIAN P	SCIENTIST C	2360
SUBRAMANIAN P	TECHNICAL OFFICER (C)	2361
SUBRAMANIAN R NAGASETHU	TECHNICAL OFFICER (B)	2439
SUBRAMANIAN V	TECHNICAL OFFICER (C)	2362
SUBRAMANIAN VENU	SCIENTIST EI	2271
SUBRAMANYAM V S	TECHNICAL OFFICER (B)	2893
SUDALAI A	SCIENTIST B	2173
SUKUMAR KUMUDA	SCIENTIST EI	2730
SUKUMARAN S M	TECHNICAL OFFICER (C)	2363
SUMATHI SCHOLINGA CANTHADA	SCIENTIST EI	3670

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SUMATHI VEDANAYAGAM H	SCIENTIST EI	2731
SUNDARAM G	SCIENTIST C	3498
SUNDARAM R	TECHNICAL OFFICER (B)	3778
SUNDARAM SRINIVASAN	EXECUTIVE ENGINEER (EI)	2272
SUNDARAM V	SCIENTIST C	2364
SUNDARARAJ A	SCIENTIST C	2365
SURESH C G	SCIENTIST B	2174
SURESHBABU R H	SCIENTIST C	2366
SURU D P	TECHNICAL OFFICER (A)	2584
SURYANARAYANA C V	TECHNICAL OFFICER (EI)	2732
SURYANARAYANA I	SCIENTIST EI	2984
SURYANARAYANA T	TECHNICAL OFFICER (EI)	2733
SURYAVANSHI P M	SCIENTIST EI	1941
SUSARLA V R K S	SCIENTIST C	2524
SUTAR I I	SCIENTIST EI	1942
SUTHANTHARARAJAN R	SCIENTIST B	3779
SWAMINATHAN C V	SCIENTIST EII	3640
SWAMINATHAN G	SCIENTIST C	3720
SWAMY M P	SCIENTIST C	3721
SWAMY MAHADESWARA	SCIENTIST C	3722
SWAMY P A RAMALINGA	TECHNICAL OFFICER (B)	2894
TAIMUR ATHUR	SCIENTIST B	2895
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TALAPATRA P C	SCIENTIST C	3499
TALREJA S T	SCIENTIST C	2525
TALWAR Y P	SCIENTIST B	3577
TAMBE A S	TECHNICAL OFFICER (B)	2175
TAMBE S A	TECHNICAL OFFICER (EI)	1943
TAMBE S S	SCIENTIST B	2176
TAMHANKAR S S	SCIENTIST C	2088
TAMULY K	TECHNICAL OFFICER (C)	3051
TAMULY PROMOD CHANDRA	SCIENTIST EI	2985
TANDON DEEPAK	SCIENTIST B	3274
TARE V S	TECHNICAL OFFICER (C)	2089
TARWADI S J	SCIENTIST C	2526
TATWADI S T	SCIENTIST B	3578
TEWARI AKHILESH	SCIENTIST EII	2467
TEWARI G B	SCIENTIST B	3275
TEWARI RAVINDRA	SCIENTIST EI	1944
TEWARY D N	SCIENTIST C	3500
THAKAR M J	SCIENTIST C	2090
THAMPURAN K R V	SCIENTIST EI	3671
THAMPY S K	SCIENTIST C	2527

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THANGARAJ B	TECHNICAL OFFICER (B)	3780
THANGAVEL K	SCIENTIST C	2367
THANGAVELU S	SCIENTIST EI	2273
THENGANE S R	SCIENTIST C	2091
THERESA Y MARGARET	SCIENTIST C	3723
THIAGARAJAN N	SCIENTIST EI	2274
THIAGU R	SCIENTIST B	3781
THIRUNAVUKKARASU P	SCIENTIST C	2368
THITE G A	TECHNICAL OFFICER (A)	2203
THOMAS D	SCIENTIST B	2177
THOMAS P C	SCIENTIST C	2528
THORAT B N	SCIENTIST B	2178
THORAT RAVIKUMAR BHAGWAN	SCIENTIST B	2565
TIKEKAR S S	TECHNICAL OFFICER (C)	2092
TIWARI B P	SCIENTIST B	3579
TIWARI K K	SCIENTIST EI	3379
TOKE S M	SCIENTIST B	2179
TRIPATHI P S M	SCIENTIST EI	3380
TRIPATHI R C	SCIENTIST B	3580
TRIVEDI D K	SCIENTIST B	3581
TRIVEDI DINESH CHANDRA	SCIENTIST EI	2275
TRIVEDI GAURANG S	TECHNICAL OFFICER (A)	2585
TRIVEDI J J	SCIENTIST B	2566
TRIVEDI NATWARLAL ATMARAM	TECHNICAL OFFICER (A)	2586
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TUMULURI S G	SCIENTIST EII	3331
TUNGIKAR V B	SCIENTIST EI	1945
TYAGI O S	SCIENTIST C	3231
UNDE M B	SCIENTIST EI	1946
UNNI B G	SCIENTIST C	3052
UNNI I R	SCIENTIST EI	1947
UPADAYAY D N	SCIENTIST B	2440
UPADHYAYA MADHAV	ENGINEER (B)	3276
VAIDYA P V	TECHNICAL OFFICER (A)	2204
VAIDYA S H	SCIENTIST C	2093
VAIRAMANI M	SCIENTIST EII	2630
VANAKATASWARLU D	TECHNICAL OFFICER (A)	2933
VARADHARAJ A	SCIENTIST EI	2276
VARMA A J	SCIENTIST EI	1948
VARMA R J	SCIENTIST B	2180
VASUDEVA B	TECHNICAL OFFICER (B)	2896
VASUDEVAN D	SCIENTIST B	2441
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VELAPPAN K C	SCIENTIST B	3783
VELAYUTHAM D	SCIENTIST B	2442
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VENBA R	SCIENTIST B	3784
VENKATABOOPATHY K	SCIENTIST C	3725
VENKATACHALAM R	SCIENTIST EI	2277
VENKATACHARI G	SCIENTIST C	2371
VENKATAKRISHNAN N	SCIENTIST EI	2278
VENKATARAMANA R K	SCIENTIST C	2829
VENKATARAMANAN M N	SCIENTIST EI	2986
VENKATARATNAM G S	SCIENTIST B	3785
VENKATASUBRAMANIAN K	SCIENTIST EI	2488
VENKATESAN V S	SCIENTIST B	2181
VENKATESWARAN K V	SCIENTIST EI	2279
VENKATESWARLU C H	SCIENTIST B	2897
VENKATESWARLU K	SCIENTIST EI	2735
VENKATESWARLU Y	SCIENTIST C	2830
VENUGOPAL P	SCIENTIST C	2094
VERMA D N	TECHNICAL OFFICER (A)	3621
VERMA S K	SCIENTIST F	3309
VERMA V K	ENGINEER (C)	3232
VERNEKAR S P	SCIENTIST EI	1949
VETRIVEL R	SCIENTIST C	2095
VIJAYABARATHI T	SCIENTIST B	2443
VIJAYALAKSHMI K	SCIENTIST EI	3672
VIJAYALAKSHMI P	SCIENTIST C	2831
VIJAYAN M	SCIENTIST B	2444
VIJAYAVALLI R	SCIENTIST EII	2221
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VISHNOI S C	SCIENTIST EI	3157
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VISWANATHAN B	SCIENTIST EI	2736
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VOHRA RAJINDER NATH	SCIENTIST EII	2468
VYAS ANURADHA KRISHANA	SCIENTIST C	2097
VYAS M H	SCIENTIST EI	2489
WADEHRA B M L	ENGINEER (EI)	3158
WADKAR J G	SCIENTIST B	2182
WAGHAMARE K J	SCIENTIST C	2098
WAHEED S ABDUL	SCIENTIST EI	3673

NAME	DESIGNATION	BIODATA NO
WAKHARKAR R D	SCIENTIST EI	1950
WARRIER P CHAKRAPANI	SCIENTIST B	2445
YADAV J S	SCIENTIST EII	2631
YADAV N K	SCIENTIST C	2099
YADAV R A P	SCIENTIST B	3582
YASEEN M	SCIENTIST F	2599
YEGNARAMAN V	SCIENTIST C	2372
YOGENDRANATH P	TECHNICAL OFFICER (A)	2934
YUGANDHAR G V	SCIENTIST EII	2632
ZAIDI S H	SCIENTIST B	2567
ZAIDI S H A	TECHNICAL OFFICER (A)	2935
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